



LIBRARY
OF THE
UNIVERSITY
OF ILLINOIS

C

L894H

1921/22-1924/25

9uH

1921/22

1922

UNIVERSITY OF SOUTHERN CALIFORNIA BULLETIN

159

VOLUME XVII

JUNE 1922

NUMBER 4



YEAR BOOK FOR 1921-1922

UNIVERSITY OF SOUTHERN CALIFORNIA BULLETIN

VOLUME XVII

JUNE, 1922

NUMBER 4



YEAR BOOK FOR 1921-1922

WITH ANNOUNCEMENTS FOR
1922-1923

PUBLISHED MONTHLY BY THE UNIVERSITY
ENTERED AS SECOND CLASS MATTER
UNDER ACT OF CONGRESS, AUGUST 24, 1912
LOS ANGELES, CALIFORNIA

C
L 89u H

1921/22 - 1924/25

TABLE OF CONTENTS

	Page
CALENDAR	5
DIRECTORY	7
THE UNIVERSITY:	
Official Boards	8
Officers of Administration and Instruction.....	10
History and Government.....	25
Location	26
The Forward Movement.....	27
General Information	28
THE COLLEGE OF LIBERAL ARTS:	
Admission Requirements	42
The Graduate School.....	54
The School of Education.....	59
Departments of Instruction.....	65
Engineering	153
The Summer Session.....	168
The University High School.....	170
THE COLLEGE OF LAW.....	175
THE COLLEGE OF DENTISTRY.....	195
THE SCHOOL OF RELIGION.....	202
THE COLLEGE OF PHARMACY.....	217
THE COLLEGE OF MUSIC.....	231
THE SCHOOL OF SPEECH.....	241
THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION	251
CATALOGUE OF STUDENTS.....	262
SUMMARY OF STUDENTS.....	322
INDEX	324

MONTHLY CALENDAR

1922

SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	..	..	..	..	1	2	1	2	3	4	5	6	7	..	..	..	1	2	3	4	..	..	..	..	..	1	2
3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9
10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16
17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23
24	25	26	27	28	29	30	29	30	31	..	..	..	..	26	27	28	29	30	..	..	24	25	26	27	28	29	30
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	31	..	..	..	..	..	..

1923

JANUARY							FEBRUARY							MARCH							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	1	2	3	4	5	6	..	..	..	..	1	2	3	..	..	..	..	1	2	3	1	2	3	4	5	6	7
7	8	9	10	11	12	13	4	5	6	7	8	9	10	4	5	6	7	8	9	10	8	9	10	11	12	13	14
14	15	16	17	18	19	20	11	12	13	14	15	16	17	11	12	13	14	15	16	17	15	16	17	18	19	20	21
21	22	23	24	25	26	27	18	19	20	21	22	23	24	18	19	20	21	22	23	24	22	23	24	25	26	27	28
28	29	30	31	..	..	..	25	26	27	28	..	..	..	25	26	27	28	29	30	31	29	30	..	..	..	..	..
..
MAY							JUNE							JULY							AUGUST						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	1	2	3	4	5	6	..	..	..	..	1	2	3	1	2	3	4	5	6	7	..	..	..	1	2	3	4
6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11
13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18
20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25
27	28	29	30	31	..	..	24	25	26	27	27	29	30	29	30	31	..	..	..	..	26	27	28	29	30	31	..
..
SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	..	..	..	..	1	2	..	1	2	3	4	5	6	..	..	..	..	1	2	3	..	..	..	..	..	1	2
2	3	4	5	6	7	8	7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8
9	10	11	12	13	14	15	14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15
16	17	18	19	20	21	22	21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22
23	24	25	26	27	28	29	28	29	30	31	..	..	..	25	26	27	28	29	30	..	23	24	25	26	27	28	29
30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	31	..	..	..	..	..

CALENDAR

Colleges of Liberal Arts, Music, Commerce and Pharmacy,
Schools of Speech and Religion

1922

January 2	Work resumed after Christmas recess.
January 23-28	Mid-year final examinations.
January 30-February 1	Registration for second semester.
February 2	Instruction begins.
April 7-April 16	Spring recess.
May 30	Memorial Day.
June 6-13	Final examinations.
June 15	Commencement.
July 1-August 12	Summer Session.
September 13-20	Registration for first semester.
September 21	Instruction begins.
October 4	Founders' Day
October 20-21	Special make-up examinations.
November 30-December 2	Thanksgiving recess.
December 21	Christmas recess begins.

1923

January 2	Work resumed after Christmas recess.
January 31-February 6	Mid-year final examinations.
February 12	Instruction begins.
March 9-10	Special make-up examinations.
March 26-April 2	Spring recess.
May 30	Memorial Day.
June 12-18	Final examinations.
June 21	Commencement.

College of Law

1922

June 15	Commencement Day.
June 19-July 29	First Term of Summer Quarter.
July 4	Independence Day (holiday).
July 31-September 9 . .	Second Term of Summer Quarter.
September 18-23	Registration for Fall Quarter.
September 25	Fall Quarter instruction begins.
November 11	Armistice Day (holiday).
November 30, Dec. 1 and 2	Thanksgiving recess.
December 13-16	Final examinations and registration for Winter Quarter.
December 18-January 1 .	Christmas recess.

1923

January 2	Winter Quarter instruction begins.
February 22	Washington's Birthday (holiday).
March 20-24	Final examinations and registration for Spring Quarter.
March 26-31	Spring recess.
April 2	Spring Quarter instruction begins.
May 30	Memorial Day (holiday).
June 15-20	Final examinations.
June 20	Commencement Day.
June 25	Summer Quarter instruction begins.

College of Dentistry

1922

September 29	Opening Assembly.
September 30	Examination for removal of condition.
October 2	Instruction begins.
November 30-December 2	Thanksgiving recess.
December 23	Christmas recess begins.

1923

January 2	Work resumed after Christmas recess.
January 29-February 3 .	First Semester examinations.
February 5	Second Semester instruction begins.
April 7-16	Spring recess.
June 4-9	Final examinations.
June 21	Commencement Day.

DIRECTORY

THE COLLEGE OF LIBERAL ARTS

THE GRADUATE SCHOOL

THE SCHOOL OF EDUCATION

Thirty-sixth Street and University Avenue.

THE COLLEGE OF LAW

Tajo Building, First Street and Broadway.

THE COLLEGE OF DENTISTRY

Clinic Building, Sixteenth and Los Angeles Streets.

Science and Technical Building, Thirty-seventh Drive and
Exposition Blvd.

THE SCHOOL OF RELIGION (On the Maclay Foundation)

Thirty-sixth Street and University Avenue.

THE COLLEGE OF PHARMACY

Thirty-fifth Street and University Avenue.

THE COLLEGE OF MUSIC

3201 South Figueroa Street.

THE SCHOOL OF SPEECH

Thirty-fifth Street and University Avenue.

THE COLLEGE OF COMMERCE AND
BUSINESS ADMINISTRATION

Thirty-fifth Street and University Avenue.

THE UNIVERSITY HIGH SCHOOL

Thirty-fifth Street and University Avenue.

THE MARINE BIOLOGICAL STATION

Office at Thirty-fifth and University Avenue.

OFFICIAL BOARDS

THE BOARD OF TRUSTEES

Term Expires in 1922

WESLEY W. BECKETT, M.D.....	Pacific Mutual Bldg.
GEORGE FINLEY BOVARD, A.M., D.D., LL.D.....	Hermosa Beach
WILLIAM M. BOWEN, LL.B.....	Washington Bldg.
L. E. BEHYMER.....	Auditorium Bldg.
JOSEPH E. CARR.....	Chapman Bldg
PRESCOTT F. COGSWELL.....	El Monte, Cal.
W. L. Y. DAVIS, A.B., D.D.....	Pasadena, Cal.
ALFRED INWOOD, D.D.....	Pomona, Cal.
ALBERT J. WALLACE, LL.D.....	Union Oil Bldg.
BYRON H. WILSON, A.B., D.D.....	Wright-Callender Bldg.

Term Expires in 1923

ARTHUR CHAPMAN, A.B.....	Chapman Bldg.
GEORGE I. COCHRAN, A.M., LL.D.....	Pacific Mutual Bldg.
WILLIAM F. CRONEMILLER.....	3956 Ingraham St.
JOHN B. GREEN, A.B., D.D.....	905 Wright-Callendar Bldg.
FRANCES M. LARKIN, Ph.D., D.D.....	San Francisco, Cal.
DON PORTER.....	Pasadena, Cal.
A. E. POMEROY, A.M.....	700 Grant Bldg.
MERLE N. SMITH, D.D.....	Pasadena, Cal.
FRANK G. H. STEVENS, A.B.....	Pasadena, Cal.
C. J. WALKER.....	Long Beach, Cal.

Term Expires in 1924

ERNEST P. CLARK.....	Riverside, Cal.
E. L. DOHENEY, JR., A.B.....	9 Chester Place
EZRA A. HEALY, A.M., S.T.D.....	841 W. 36th St.
RUFUS B. von KLEINSMID, Sc.D., J.D.....	University
BISHOP ADNA WRIGHT LEONARD, LL.D.....	San Francisco, Cal.
C. I. D. MOORE.....	Pacific Mutual Bldg.
HARRY G. PHILP.....	Broadway Dept. Store
WILLIAM D. STEPHENS, LL.D.....	Sacramento, Cal.
W. P. WATTS.....	Covina, Cal.

Executive Committee

BISHOP ADNA WRIGHT LEONARD

GEORGE I. COCHRAN	W. F. CRONEMILLER
J. E. CARR	BYRON H. WILSON
RUFUS B. von KLEINSMID	MERLE N. SMITH
W. M. BOWEN	J. B. GREEN

ADVISORY COUNCIL, MARINE STATION

RUFUS B. von KLEINSMID, Sc.D., J.D.....	University
GEORGE I. COCHRAN, A.M., LL.D.....	Pacific Mutual Bldg.
EZRA A. HEALY, A.M., D.D.....	841 W. 36th St.
GENERAL M. H. SHERMAN.....	Hotel Westminster
ARTHUR B. BENTON.....	114 N. Spring St.

BOARD OF CONTROL OF COLLEGE OF LAW

GEORGE F. BOVARD, A.M., D.D., LL.D.....	University
GEORGE I. COCHRAN, A.M., LL.D.....	Pacific Mutual Bldg.
GAVIN W. CRAIG, LL.M.....	Pacific Finance Bldg.
THOMAS W. ROBINSON A.M.....	Hall of Records
FRANK M. PORTER, A.B., LL.M., LL.D.....	Tajo Bldg.
CLAIR S. TAPPAAN, LL.B.....	815 Black Bldg.
JOHN B. GREEN, A.B., D.D.....	Wright & Callender Bldg.
WM. M. BOWEN, LL.D.....	Washington Bldg.
W. H. DAVIS.....	Pacific Mutual Bldg.
CHARLES E. MILLIKAN, LL.M.....	Tajo Bldg.

BOARD OF TRUSTEES, COLLEGE OF DENTISTRY

JAMES D. McCOY, M.S., D.D.S.....	President
A. C. LaTOUCHE, D.D.S.....	Secretary
J. WALTER GRAY, D.D.S.....	Treasurer
RUFUS B. von KLEINSMID, A.M., Sc.D., J.D.	
LEWIS E. FORD, D.D.S.	
CHARLES M. BENBROOK, D.D.S.	
D. CAVE, D.D.S.	
CHARLES E. RICE, D.D.S.	
JULIO ENDELMAN, M.S., D.D.S., F.A.C.D.	

CONFERENCE BOARD OF EDUCATION

Term Expires in 1922

MERLE N. SMITH, C. H. SCOTT, WILLSIE MARTIN, C. P. MET-
CALF, EGERTON SHORE, A. M. DREW, C. P. CLOCKE, WIL-
BUR G. FISKE.

Term Expires in 1923

R. C. HARKER, L. T. GUILD, W. E. TILROE, C. B. DALTON, GEO.
N. KING, C. I. D. MOORE, W. L. FREW, A. J. VISEL.

Term Expires in 1924

C. M. CRIST, L. A. FERRIS, R. J. TAYLOR, DR. C. S. STODDARD,
W. S. ALLEN, N. M. PARKER, E. P. CLARK, H. O. SIMMONS.

OFFICERS OF ADMINISTRATION AND INSTRUCTION

OFFICERS OF ADMINISTRATION

- RUFUS BERNHARD von KLEINSMID, A.M., Sc.D., J.D., D. M. C. P.,
doctor en filosofia y letras
President of the University.
- GEORGE FINLEY BOVARD, A.M., D.D., LL.D.
President Emeritus of the University.
- GEORGE I. COCHRAN, A.M., LL.D.
Treasurer
- WARREN BRADLEY BOVARD
Comptroller.
- JOHN HAROLD MONTGOMERY, M.S., E.E.
Registrar.
- ROCKWELL DENNIS HUNT, A.M., Ph.D.
Dean of the Graduate School and Director of the College of Commerce.
- LESTER BURTON ROGERS, A.M., Ph.D.
Dean of the School of Education.
- THOMAS BLANCHARD STOWELL, Ph.D., LL.D.
Dean Emeritus of the School of Education.
- FRANK MONROE PORTER, A.B., LL.M., LL.D.
Dean of the College of Law.
- LEWIS EUGENE FORD, D.D.S.
Dean of the College of Dentistry.
- JOHN FREDERICK FISHER, Ph.M., D.D.
Dean of the School of Religion.
- EZRA ANTHONY HEALY, A.M., S.T.D.
Dean Emeritus of the School of Religion.
- LAIRD JOSEPH STABLER, M.S., Ph.C., Sc.D.
Dean of the College of Pharmacy.
- WALTER FISHER SKEELE, A.B.
Dean of the College of Music.
- ELIZABETH YODER
Dean of the School of Speech.
- HAROLD J. STONIER, A.M.
Director of Extension Division.
- ALBERT BRENNUS ULREY, A.M.
Director of the Marine Biological Station.
- ROBERT A. CUMMINS, A.M., Ph.D.
Principal of the University High School.
- MYRTLE EMILY BILES, A.M.
Dean of Women.
- ROBERT ARLEIGH HONNER
Assistant Comptroller and Purchasing Agent.
- STANLEY F. McCLUNG
Assistant Treasurer.

FACULTY

1921-1922

MARGARET AIRSTON, Ph.C., B.S.....	379 S. Reno
Assistant Professor of Materia Medica and Pharmacognosy.	
HERBERT D. AUSTIN, A.M., Ph.D.....	1040 W. 78th St.
Associate Professor of French and Italian.	
*LILIAN BACKSTRAND.....	3201 S. Figueroa
Professor of Vocal Culture.	
GILBERT ELLIS BAILEY, A.M., Ph.D.....	9728 S. Figueroa
Professor of Geology.	
CLAYTON M. BALDWIN.....	357 W. 52nd Place
Instructor in Architecture.	
HARRY H. BASKERVILLE.....	1156 W. 55th St.
Assistant Professor of Commerce.	
L. M. BAUGMAN, Ph.G., D.D.S.....	Pantages Theatre Bldg.
Assistant Professor of Radiography.	
H. O. BAUMGARDT, D.D.S.....	538 Consolidated Realty Bldg.
Demonstrator in Dentistry.	
CLAUDE G. BEARDSLEE, A.M., B.D.....	4201 S. Van Ness Ave.
Instructor in Philosophy.	
CATHERINE VIRGINIA BEERS, A.M.....	1152 W. 35th St.
Assistant Professor of Biology.	
BESS BENNETT.....	1746 McCadden
Instructor in Children's Music.	
CLARA MAUD BERRYMAN, A.B.....	351 S. Vendome
Associate Professor of Physical Education.	
†GEORGE H. BETTS, Ph.D.....	3952 Budlong Ave.
Professor of Religious Education.	
MYRTLE EMILY BILES, A.M.....	404 W. Stocker St., Glendale
Associate Professor of English Language and Literature and Dean of Women.	
*KENNETH McLEOD BISSELL, A.M.	
Professor of French.	
JAMES BLACKLEDGE, A.M.	
Professor of Hebrew.	
ANTHONY F. BLANKS, A.M.....	1535 Fifth Ave.
Associate Professor of Speech.	
JOHN H. BLUEMENBERG, Phar.B.....	Huntington Park
Assistant Professor of Pharmaceutical Chemistry.	
C. M. BOBBITT, D.D.S.....	122 E. 16th St.
Demonstrator in Dentistry.	
EMORY STEPHEN BOGARDUS, A.M., Ph.D.....	1107 W. 41st St.
Professor of Sociology.	
FLORENCE M. BONHARD.....	854½ W. 40th Place
Instructor in French.	
MARGARET GRAHAM BORTHWICK, A.M.....	343 W. 33rd St.
Professor of German.	
C. W. BORLAND, D.D.S.....	122 E. 16th St.
Demonstrator in Dentistry.	
C. H. BOWMAN, D.D.S.....	635 W. Exposition Blvd.
Demonstrator in Dentistry.	
SAMUEL J. BROADWELL, M.S.....	814 W. 37th St.
Instructor in Physics.	
BLANCHE C. BROWN, M.D.....	Hotel Savoy
Medical Examiner for Women.	

*On leave, 1921-22. †Resigned.

RUTH WENTWORTH BROWN, A.M.....	947 Fourth Ave.
Professor of Latin and Associate Dean of Women.	
CHARLES C. BROWNING, M.D.....	Merritt Bldg.
Professor of Medical Diagnosis.	
E. M. BROWNSON, D.D.S.....	122 E. 16th St.
Clinical Instructor in Orthodontia.	
J. P. BUCKLEY, Ph.G., D.D.S.....	1550 Hayworth Ave.
Special Professor of History and Economics (Dentistry).	
CLIFFORD F. BURR, A.B.....	700 W. 28th St.
Instructor in Economics.	
LOIS R. BURTON, A.B.....	1038½ W. 17th St.
Instructor in English Language and Literature.	
†ROBERT CALVERT, S.M., Ph.D.....	1196 W. 28th St.
Assistant Professor of Chemistry.	
J. W. CARSON, D.D.S.....	1209 Brockman Bldg.
Demonstrator in Dentistry.	
CLAYTON D. CARUS, A.M.....	1415 E. 49th St.
Associate Professor of Commerce.	
S. T. S. CHING, D.D.S.....	635 W. Exposition Blvd.
Demonstrator in Dentistry.	
LOREN T. CLARK, A.B.....	832 N. Hobart Blvd.
Assistant Professor of Physics.	
LYNN CLARK, A.B.....	714 Bernal Ave.
Assistant Professor of English Language and Literature.	
A. B. CLAYTON, A.M.....	635 W. Exposition Blvd.
Professor of Chemistry and Metallurgy.	
HORATIO COGSWELL, A.M.....	3201 S. Figueroa
Professor of Vocal Culture.	
LEE P. COMMERS, D.D.S.....	122 E. 16th St.
Demonstrator in Dentistry.	
MAE ELIZABETH CONN, A.B.....	655 N. Serrano
Instructor in Mathematics.	
ALMA MAY COOK, B.F.A.....	1810 Avalon St.
Assistant Professor of Fine Arts.	
†CLARENCE WESTGATE COOK, A.M., B.S. in C. E....	351 W 45th St.
Associate Professor of Civil Engineering.	
JOHN D. COOKE, A.M.....	705 W. 50th St.
Assistant Professor of English Language and Literature.	
ANNIE MOTTRAM CRAIG.....	3201 S. Figueroa
Professor of Vocal Culture.	
R. F. CRICHELLOW, D.D.S.....	311 Baker-Detwiler Bldg.
Demonstrator in Dentistry.	
DEAN CROMWELL.....	2212 Atlantic St.
Track Coach.	
ROBERT ALEXANDER CUMMINS, A.M., Ph.D.....	649 W. 35th St.
Assistant Professor of Education, and Principal of University High School.	
AUGUSTINE DALLAND.....	1759 Magnolia Ave.
Instructor in French.	
JAMES MAIN DIXON, A.M., L.H.D., F.R.S.E.....	427 N. Ardmore Ave.
Professor of Comparative Literature.	
CLAUDE C. DOUGLAS, A.M.....	902 W. 37th St.
Professor of Greek.	
E. LESLIE EAMES, D.D.S.....	Auditorium Bldg.
Associate Professor of Prosthesis.	
DELLA TOTTON EARLY, A.M.....	357 W. 51st St.
Assistant Professor of History.	

- GEORGE J. EBERLE, A.B.....5106 Mesa Drive
Professor of Commerce.
- LEILA ELLIS.....3201 S. Figueroa
Professor of Piano.
- JULIO ENDLEMAN, M.S., D.D.S., F.A.C.D.....122 E. 16th St.
Professor of Special Pathology, Therapeutics and Materia Medica.
- ELMER D. FAGAN, A.M.....660 W. Jefferson
Instructor in Economics.
- LOUIS FELSENTHAL, M.D., D.D.S.....Van Nuys Bldg.
Associate Professor of Oral Surgery.
- ALICE MAY FESLER, A.M.....1090 W. 30th St.
Instructor in Sociology.
- GEORGIA S. FINK.....3604 Third Ave.
Instructor in Public Speaking.
- EDWIN FISHER, B.A.
Instructor in Chemistry.
- JOHN FREDERICK FISHER, Ph.M., D.D.....1301 W. 41st Place
Dean of the School of Religion.
- LENA LEONARD FISHER, Litt.D.....1301 W. 41st Place
Professor of Church Program.
- MAMIE K. FITZGERALD, Ph.C.....4211 Denker Ave.
Assistant Professor of Pharmacy.
- G. W. FLEISCHMAN, D.D.S.....122 E. 16th St.
Demonstrator in Dentistry.
- RALPH TYLER FLEWELLING, A.M., S.T.B., Ph.D..2945 Van Buren Pl.
Professor of Philosophy.
- LEWIS E. FORD, D.D.S.....634 S. Western Ave.
Professor of Clinical Dentistry and Dean of the College of Dentistry.
- KATHERINE TORRANCE FORRESTER..706 LaLoma Road, Pasadena
Professor of Spanish.
- MARY L. FOSSLER, A.M.....550 N. Los Robles, Pasadena
Assistant Professor of Zoology.
- F. W. FRAM, A.B., Ph.G., D.D.S.....122 E. 16th St.
Professor of Prosthesis.
- S. J. Z. GANTZ, D.D.S.....635 W. Exposition Blvd.
Demonstrator in Dentistry.
- BLANCH GANTHIER, A.B.
Instructor in Chemistry.
- ALLISON GAW, A.M., Ph.D.....1916 Cordova St.
Professor of English Language and Literature.
- J. Z. GILBERT, A.M., Sc.D., LL.D.....3300 N. Griffin
Professor of Biology (Dentistry).
- J. T. GILLIAM, D.D.S.....122 E. 16th St.
Demonstrator in Minor Oral Surgery.
- CLARENCE V. GILLILAND, A.M., S.T.B., D.D.....824 W. 36th St.
Professor of History.
- IVY GOADE.....Gardena
Instructor in Piano.
- MARC N. GOODNOW.....4626 So. Wilton
Instructor in Journalism.
- PAUL O. GREELEY, A.B.....743 E. 29th St.
Instructor in Biology.
- CHARLES HARBECK, M.D.....1501 S. Figueroa
Demonstrator in Anatomy.
- JOHN EUGENE HARLEY, A.M.....1345 W. 39th St.
Assistant Professor of Political Science.
- MARGUERITE HAUBER.....3201 S. Figueroa
Instructor in Piano.

H. F. HAWKINS.....	122 E. 16th St.
Instructor in Bacteriology.	
EZRA A. HEALY, A.M., S.T.D.....	855 W. 36th St.
Professor of Systematic Theology and Dean Emeritus of the School of Religion.	
JOHN HEDLEY, F.R.G.S.....	139 W. Palm Ave., Eagle Rock
Professor of Oriental Languages.	
ELMER C. HENDERSON, A.B.....	545 N. Alexandria
Coach in Athletics.	
E. A. HENDERSON, A.B., Ph.G.....	948 W. 80th St.
Assistant Professor of Pharmacy.	
JOHN GODFREY HILL, A.M., S.T.B., Ph.D.....	854 W. 35th Place
Professor of Biblical Literature.	
F. E. HODGEBOOM, D.D.S.....	634 S. Western Ave.
Demonstrator in Children's Teeth.	
GEORGE M. HOLLENBECK, D.D.S.....	Union Bank Bldg.
Professor of Crown and Bridge Work.	
JULIA G. HOWELL.....	3201 S. Figueroa
Professor of Harmony.	
FLORENCE B. HUBBARD, A.M.....	1723 W. 9th St.
Assistant Professor of Public Speaking.	
ROCKWELL D. HUNT, A.M., Ph.D.....	Inglewood, Calif.
Professor of Economics, Dean of the Graduate School, and Director of the College of Commerce.	
WILLIAM HUNTER.....	Inglewood, Calif.
Assistant Football Coach.	
ANNETTE C. IVES, A.B.....	1603 So. Marguerite, Alhambra
Instructor in French.	
EDITH JOHNSON, A.B.....	2903 So. Hoover
Instructor in Spanish.	
C. W. JONES, D.D.S.....	Title Insurance Bldg.
Demonstrator in Crown and Bridge Work.	
*VINCENT JONES.....	356 S. Wilton Pl.
Professor of Harmony and Musical History.	
F. S. KAISER, D.D.S.....	Hollingsworth Bldg.
Demonstrator in Porcelain Technic.	
ALFRED KASTNER.....	3201 S. Figueroa
Professor of Harp.	
FRED W. KELLY.....	2807 So. Hoover
Assistant Track Coach.	
F. W. KRAUSE, D.D.S.....	122 E. 16th St.
Demonstrator in Dentistry.	
WILLIAM RALPH LAPORTE, A.M.....	3445 So. Hope St.
Professor of Physical Education.	
R. LARSON, D.D.S.....	811 Merritt Bldg.
Demonstrator in Dentistry.	
LAWRENCE L. LARRABEE, Ph.B., LL.B.....	428 S. Hoover
Professor of Law.	
A. C. LaTOUCHE, D.D.S.....	122 E. 16th St.
Professor of Operative Dentistry, General and Dental Histology and Superintendent of the College of Dentistry.	
CHARLES WALTER LAWRENCE, B.S., C.E.....	1546 Fourth Ave.
Professor of Civil Engineering.	
HARVEY R. LEE, B.P.E.....	2660 So. Menlo Ave.
Assistant Professor of Physical Education.	
S. A. LEWIS, M.D.....	702½ Western Ave.
Instructor in Anatomy.	

* On leave, 1921-1922.

- ANDREW CREAMOR LIFE, A.M.....2215 Sixth Ave.
Professor of Botany.
- PHYLLIS LOCKLEY, A.B.....4271 Rosewood Ave.
Instructor in English Language and Literature.
- CHARLES D. LOCKWOOD, A.B., M.D., F.A.C.S.....Pasadena
Professor Emeritus of Oral Surgery.
- *WILBUR H. LONG, A.M.....Cambridge, Mass.
Instructor in Philosophy.
- EDNA B. LOWD.....122 So. Alexandria
Assistant Professor of Fine Arts.
- LAWRENCE TYNDALÉ LOWREY, A.M., Ph.D...927 Heliotrope Drive
Professor of History.
- HUGH S. LOWTHER, Ph. D.....San Gabriel, Calif.
Professor of French.
- A. W. LUTKIN, D.D.S.....122 E. 16th St.
Assistant Professor of Clinical Dentistry.
- HOWARD LESLIE LUNT, A.M'.....5221 Pasadena Ave.
Associate Professor of Education.
- ARTHUR R. MAAS, Ph.C., Pharm.M.....308 E. 8th St.
Professor of Pharmacy and Toxicology.
- ROY MALCOM, A.M., Ph.D.....619 So. Carondelet St.
Professor of Political Science.
- OLIVER JONES MARSTON, A.M.....1186 W. 31st St.
Professor of Economics.
- MINGO MARTI, A.M.
Instructor in Chemistry.
- HARRY J. McCLEAN, A.B., L.D.....570 N. Los Robles, Pasadena
Assistant Professor of Sociology.
- JAMES D. McCOY, B.S., D.D.S.....Brockman Bldg.
Professor of Orthodontia and Radiography and Secretary of the Faculty.
- M. T. McNEAL, D.D.S.....Chapman Bldg.
Demonstrator in Dentistry.
- MABEL E. MEARS.....911 W. 35th St.
Instructor in Home Economics.
- RAYMOND B. MILLER, A.M.....31 Cerritos Ave.
Instructor in Education.
- CHARLES E. MILLIKAN, LL.M.....Tajo Bldg.
Professor of Law and Assistant to the Dean.
- DACOTAH MIZENER.....101 Fremont Pl.
Professor of Piano.
- JOHN HAROLD MONTGOMERY, M.S., E.E.....2806 Ellendale Place
Professor of Religious Education and Registrar of the University.
- EARL E. MOODY, M.D.....623 Carondelet
Medical Examiner for Men.
- VINCENT MORGAN, LL.B.....Tajo Bldg.
Professor of Law.
- H. J. MORLIDGE, D.D.S.....122 E. 16th St.
Demonstrator in Dentistry.
- ALAN NICHOLS, A.B., LL.B.....1515 Fifth Ave.
Instructor in Public Speaking.
- J. D. NOKES, D.D.S.....Marsh-Strong Bldg.
Professor of Comparative Anatomy and Odontography and Curator
of the Museum.
- ARTHUR WICKES NYE, B.S., M.E.....843 So. Ardmore
Professor of Physics.
- F. G. OLDHAM, D.D.S.....933 Pacific Mutual Bldg.
Demonstrator in Dentistry.

* On leave of absence, 1921-1922.

†EMERY E. OLSON, A.M.....	Madison, Wis.
Assistant Professor of Economics and Assistant Director of College of Commerce.	
RUEEL L. OLSON, A.M.....	1045 W. 35th Place
Instructor in Economics.	
F. W. OTTO, A.B.....	2224 Twelfth Ave.
Instructor in Physiology.	
EDGAR PALMER, D.D.S.....	922 S. Bonnie Brae
Dean Emeritus of the College of Dentistry.	
CHARLES E. PEMBERTON.....	678 S. Burlington
Professor of Violin and Theoretical Subjects.	
BETTY PERKINS.....	2617 N. Court
Instructor in Harmony.	
ARTHUR M. PERRY.....	726 W. 27th St.
Professor of Violin and Business Manager of the College of Music.	
EDWARD ASHLEY PHILLIPS, A.M.....	1284 W. 37th Drive
Instructor in Economics.	
JAY PLOWE.....	1743 Stanley Ave.
Professor of Flute.	
RALPH L. POWER, M.B.A.....	1233 Exposition Blvd.
Associate Professor of Commerce.	
A. C. PRATHER, D.D.S.....	122 E. 16th St.
Senior Demonstrator in Dentistry.	
REBECCA B. PRICE, A.B.....	518 Ashland Ave., Ocean Park, Cal.
Instructor in Biblical Literature.	
ANTONIO RAIMONDI.....	5418 Fifth Ave.
Professor of Clarinet.	
CLARENCE E. RAINWATER, A.M., Ph. D.....	914 S. St. Andrews St.
Associate Professor of Sociology.	
FRANK M. PORTER, A.B., LL.M., LL.D.....	Tajo Bldg.
Professor of Law and Dean of the College of Law.	
J. WALTER REEVES, A.B., M.D.....	Chapman Bldg.
Professor of General Anatomy and Physiology.	
R. H. REITHMULLER, Ph.D., D.D.S.....	Marsh-Strong Bldg.
Professor of Anesthesia.	
CHARLES E. RICE, D.D.S.....	Story Bldg.
Professor of Dental Ethics and General and Oral Surgery.	
JOHN H. RICH.....	4823 Sixth Ave.
Assistant Professor in Fine Arts.	
LAWRENCE M. RIDDLE, A.M., Officier d'Academie....	Baltimore, Md.
Professor of French.	
J. P. RIEDEL, D.D.S.....	635 W. Exposition Blvd.
Demonstrator in Dentistry.	
†SAMUEL RITTENHOUSE, Ph.D.....	5752 Chesley Ave.
Professor of Zoology.	
DELIA M. ROBINSON.....	1052 Beacon St.
Instructor in Fine Arts.	
LESTER B. ROGERS, A.M., Ph.D.....	1210 W. 27th St.
Professor of Education and Dean of the School of Education.	
R. M. ROGERS, D.D.S.....	Pasadena
Demonstrator in Dentistry.	
JOSEPH H. SAINT-JEAN.....	1412 W. 37th St.
Assistant Professor of French.	
A. E. SANDERS, D.D.S.....	Pantages Theatre Bldg.
Demonstrator in Dentistry.	

† On Leave, Second Semester, 1921-22.

† Resigned.

DAVOL SANDERS.....	3201 S. Figueroa
Professor of Violin.	
W. L. SCHMITZ, D.D.S.....	823 Pacific Mutual Bldg.
Demonstrator in Dentistry.	
LEO P. SCHULMAN, D.D.S.....	7877½ Santa Monica Blvd.
Demonstrator in Physiology.	
ROY EDWIN SCHULZ, A.M.....	Alhambra
Professor of Spanish.	
ALLEN E. SEDGWICK, B.S.....	237 S. Hobart
Associate Professor of Geology.	
FELIPE M. de SETIEN, Lic. en S. and P.....	934 W. Eighth St.
Professor of Spanish.	
ALEX SIMONSEN.....	Blanchard Hall
Professor of Violincello.	
WALTER FISHER SKEELE, A.B.....	132 E. Ave. 55
Professor of Piano and Organ and Dean of the College of Music.	
J. FRANKLIN SMITH, B.S., A.M.....	425 W. 37th Place
Assistant Professor of Chemistry.	
RACHEL GRAVES SMITH.....	3201 S. Figueroa
Professor of Stage Department.	
RUTH MARIE SMITH.....	922 W. 36th St.
Professor of Piano.	
WILLIAM C. SMITH, A.M., Ph.D.....	5167 S. St. Andrews Place
Assistant Professor of Sociology.	
EFFIE SOUTHWORTH SPALDING, M.S.....	2806 Ellendale Place
Assistant Professor of Botany.	
LAIRD JOSEPH STABLER, M.S., Ph.C., Sc.D.....	1120 W. 30th St.
Professor of Chemistry and Dean of College of Pharmacy.	
OLGA STEEB.....	126 S. Rampart Blvd.
Professor of Piano.	
D. VICTOR STEED, A.B., Ph.D.....	Montebello, Cal.
Assistant Professor of Mathematics.	
KATHERINE H. STILWELL, A.B.....	1446½ W. Adams
Assistant Professor of Spanish.	
J. O. STOKER, D.D.S.....	Investment Bldg.
Assistant Professor of Dental Anatomy and Operative Technic.	
HAROLD J. STONIER, A.M.....	1705 S. Harvard Blvd.
Assistant Professor of Commerce and Director of Extension and Promotion.	
MARTIN J. STORMZAND, B.D., Ph.D.....	5642 Harold Way
Associate Professor of Education.	
THOMAS BLANCHARD STOWELL, A.M., Ph.D., LL.D.	
Dean Emeritus of the School of Education.	2702 Hobart Blvd.
CLAIR S. TAPPAN, LL.B.....	Black Bldg.
Professor of Law.	
WILLIAM H. TEETER, A.M., Ph.D.....	1173 W. 28th St.
Professor of Church Program.	
E. F. THOLEN, M.D., D.D.S.....	Brockman Bldg.
Professor of Oral Surgery.	
†MATILDA ALLEN THOMPSON, A.M.....	Alhambra
Assistant Professor of Spanish.	
MERRITT M. THOMPSON, A.B.....	822 W. 37th St.
Instructor in Spanish.	
ROY T. THOMPSON, A.M.....	837 Ocean Ave., Santa Monica, Cal.
Assistant Professor of English Language and Literature.	
WELCOME A. TILROE, A.M.....	850 N. Townsend Ave.
Assistant Professor of Latin and Vice-Principal of the University High School.	

- W. E. TILROE, B.D., D.D.....850 N. Townsend Ave.
Professor of Divinity.
- JOHN WELHOFF TODD, A.M., Ph.D.....1834 W. 41st Drive
Professor of Psychology.
- FRANK C. TOUTON, M.A., Ph.D.
Associate Professor of Education.
- ADELAIDE TROWBRIDGE.....1110 W. Washington
Professor of Piano and Normal Training.
- HELEN W. TRUESDELL, A.B.....2200 Third Ave.
Instructor in English Language and Literature.
- †WILFRED C. TWISS, A.M., Ph.D.....8318 S. Vermont Ave.
Associate Professor of Botany.
- ALBERT BRENNUS ULREY, A.M..... 1435 W. 23rd St.
Professor of Biology and Director of the Marine Biological Station.
- CLAIRE T. VAN ETEN, LL.B.....Trust and Savings Bldg.
Professor of Law.
- M. G. VARIAN, M.D.....122 E. 16th St.
Associate Professor of Anatomy and Director of the Anatomical
Laboratories.
- MELVIN J. VINCENT, A.M.....1616 N. Mariposa
Assistant Professor of Sociology.
- MILDRED VOORHEES, A.B.....1078 W. 35th St.
Instructor in Speech.
- GLADYS WADSWORTH, A. B.....525 S. Gramercy
Assistant Professor of Speech.
- A. F. WAGNER, A.M., M.D.....902 Hall of Records
Professor of General Pathology and Bacteriology.
- ARNOLD H. WAGNER, A.B.....1954 Estella Ave.
Professor of Public School Music.
- LOUIS WANN, A.M., Ph.D.....1159 W. 37th St.
Professor of English Language and Literature.
- LEROY SAMUEL WEATHERBY, A.M., Ph.D.....1299 W. 37th Drive
Professor of Chemistry.
- ARTHUR CLASON WEATHERHEAD, A.M.....813 N. Virgil
Professor of Drawing.
- F. R. WEBB, M.D.....635 W. Exposition Blvd.
Associate Professor of Histology and General Pathology.
- C. R. WELFER, M.D.....1032 W. Chester Pl.
Demonstrator in Anatomy.
- LUNA WELLMAN.....Anaheim
Instructor in Piano.
- M. W. WILKINSON.....Santa Monica
Instructor in Metallurgy.
- LILLIAN WILLIAMS.....2031 Dracena Drive
Assistant Professor of Physical Education.
- HUGH CAREY WILLET, A.M.....921 W. 37th Place
Professor of Mathematics.
- †J. FAY WILSON, B.S., E.E.
Professor of Electrical and Mechanical Engineering.
- V. L. G. WILT, D.D.S.....Temple and Grand Ave.
Demonstrator in Dentistry.
- *PAUL SPENCER WOOD, A.B.....Cambridge, Mass.
Professor of English Language and Literature.

† Resigned.

†† Deceased, February 15, 1922.

* On leave of absence.

FLORENCE BENEDICT WOODS, A.B.....	3201 S. Figueroa
Instructor in Pipe Organ.	
ELIZABETH YODER.....	2311 S. Gramercy Place
Professor of Speech and Dean of the School of Speech.	
GERTRUDE I. YORK, A.M.....	327 E. 61st St.
Professor of Home Economics.	
ALBERTA ZENS.....	4700 Oakwood Ave.
Professor of Violin.	

LECTURERS

W. S. ALLEN, A.B., B.D.	
Law.	
*THOMAS A. BERKEBILE, LL.M.	
Law.	
JEAN BERNARD.....	Polytechnic High School
Pharmacy.	
BENJAMIN F. BLEDSOE, A.B., LL.D.	
Law.	
L. N. BRUNSWIG.....	Brunswick Drug Co.
Pharmacy.	
SARAH E. BUNDY, A.M.....	831 S. Hope St.
Sociology.	
TOM CALDWELL	
Physical Education.	
*KEMPER B. CAMPBELL, LL.M.	
Law.	
INGLE CARPENTER, Ph.B., LL.B.....	California Bldg.
Dental Jurisprudence.	
GALVIN W. CRAIG, LL.M.	
Law.	
W. R. DICKENSON.....	Dickenson Drug Co.
Pharmacy.	
JAMES A. GIBSON	
Law.	
F. L. A. GRAHAM, LL.B.	
Law.	
*LEWIS A. GROFF	
Law.	
PERCY V. HAMMON, LL.B.	
Law.	
BYRON C. HANNA, LL.B.	
Law.	
C. G. HARTLEY, D.D.S.....	Brockman Bldg.
Dental Ceramics.	
WILLIAM HAZLETT, LL.B.	
Law.	
F. M. HEAD.....	Owl Drug Co.
Pharmacy (Advertising).	
ALFRED J. HILL, LL.B.	
Law.	
FREDERICK W. HOUSER, LL.B.	
Law.	
FRANK HUTTON.....	Citizens Nat'l. Bank Bldg.
Pharmaceutical Jurisprudence.	

* On Leave of Absence.

- K. S. INUI, A.B.....2308 W. Pico St.
Political Science and Sociology.
- ETTIE LEE.....2950 S. Fifth Ave.
Sociology.
- ERNEST J. LICKLEY, A.M., LL.M., J.D.....850 N. Mariposa Ave.
Sociology.
- VERNON S. McCOMBS.....South Pasadena
Church Program.
- *PAUL J. McCORMICK
Law.
- HENRY S. McKEE.....32 St. James Park
Commerce.
- HENRY S. McKEE, JR.....32 St. James Park
Commerce.
- VICTOR R. McLUCAS, A.B., LL.B.
Law.
- CHARLES C. MONTGOMERY, A.B., LL.B.
Law.
- GEORGE W. NIX, LL.B.
Law.
- G. BROMLEY OXNAM, A.M.....2211 Cambridge St.
Biblical Literature.
- FREDERIC J. PERRY, A.B.....4120 Monroe
Commerce.
- T. W. ROBINSON, A.M.
Law.
- O. R. W. ROBINSON, LL.B.
Law.
- CLAYTON ROGERS
Economics.
- PAUL W. SAMPSELL, LL.B.
Law.
- JAMES G. SCARBOROUGH, A.B.....1225 Washington Bldg.
Law.
- L. SCHIFF.....Western Wholesale Drug Co.
Pharmacy.
- D. C. SCHLOTTE, Ph.G.
Pharmacy.
- ROY L. SPENCER, D.D.S.....Merchants Nat'l. Bank Bldg.
Extractions and Anesthesia.
- NORMAN STERRY, LL.B.
Law.
- E. W. TUTTLE, LL.B.
Law.
- ROLLIN S. TUTTLE.....904 Wright and Callender Bldg.
Church Program.
- PAUL VALLEE, LL.B.
Law.
- CLAUDE A. WAYNE.....1811 N. Gower
Commerce.
- G. GORDON WHITNALL.....3418 Winslow Drive
Commerce.
- LUTHER E. WYMAN.....3927 Wisconsin St
Biology.

* On leave of absence.

PRACTICE COURT DEPARTMENT

CHARLES E. MILLIKAN, LL.M.....Professor in charge of Department

Judges

WALTER BOWERS, LL.M.....	Department 1
W. S. ALLEN, A.B.....	Department 2
CHARLES E. MILLIKAN, LL.M.....	Department 3
J. MARION WRIGHT, LL.B.....	Department 4
LOYD E. WRIGHT, LL.B.....	Department 5
WOODSON W. WALLACE, LL.B.....	Department 6
PAUL VALLEE, LL.B.....	Department 7
HERBERT A. FRESTON, LL.B.....	Department 8
LOUIS J. CANEPA, A.B., LL.B.....	Department 9

Supreme Court

HON. GAVIN W. CRAIG, LL.M. (Associate Justice, District Court of Appeals, State of California).....	Presiding Justice
HON. FREDERICK W. HOUSER, LL.B. (Judge of the Superior Court, Los Angeles County).....	Associate Justice
HON. VICTOR R. McLUCAS, A.B., LL.B. (Judge of the Superior Court, Los Angeles County).....	Associate Justice

SUPERVISING TEACHERS IN ELEMENTARY SCHOOLS

POTTER, MRS. NELLIE I.....	312 W. 16th St. Principal.
BECKETT, HELEN.....	925 S. Hope St. Music
CROWELL, MARY DEAN.....	110 S. Hoover St. Primary.
JONES, MYRA.....	810 S. Burlington Ave. Domestic Arts.
KIRSTEIN, MINNIE C.....	2646 S. Vermont Ave. English.
KRAUSE, CORA S.....	344 W. 48th St. Geography, Spelling.
MAYO, LOIS H.....	1639 W. 39th Pl. Geography, History.
MORSE, HAZEL D.	2646 S. Vermont Ave. Literature.
RUPP, MARY C.....	431 S. Grand Ave. Domestic Arts.
SAYLOR, MARGARET.....	939 S. Vermont Ave. Intermediate.

ASSISTANTS

MURIEL ARKLEY, A.B.....	1102 W. 30th St. Spanish.
ALMA L. BARBER, A.B.....	3614 University Ave. Sociology.
ANTON O. BIERMAN, A.B.....	1062 W. 35th St. Chemistry.
OVILLE RAY BUCK.....	163½ E. 35th St. Physical Education.

ALBERT BUTTERFIELD

Zoology.

E. RUTH CAPITO.....3810 S. Main
Physics.EVA E. CARLQUIST.....4425 Budlong Ave.
Botany.**GEORGE DIEBERT, Ph.G.**

Pharmacy.

ALBERT DEWITT GIBBS, A.B.....Long Beach
Chemistry.KENNETH J. HOWELL, A.B.....2261 W. 31st
Chemistry.MARJORIE PHEBE HOWELL, A.B.....2261 W. 31st
Chemistry.**GALE M. HUNT, A.B.**

Biology.

S. FRANCES LUCAS, A.B.....1032 Beacon Ave.
Sociology.**R. H. MacQUIDDY, Ph.G.**

Pharmacy.

JOSEPH NICHOLS.....1433 W. 58th St.
Accounting.H. HELLEN NORTHMORE, A.B.....208 S. Carondelet St.
Sociology.JOSEPHINE E. OLDS KEITH, A.B.....928 Avenue 26
Economics.HAROLD E. PERRY, A.B.....R. 2, Box 1560, Los Angeles
Sociology.H. JULIEN SUMMERS.....141 W. 63rd St.
Drawing.**VIOLA ROSE TIPTON, B.S.**

Chemistry.

JESSIE WILLIAMS, A.B.....1140 W. 27th
Physics.**OTHER OFFICERS OF ADMINISTRATION AND ASSISTANTS****MARGARET ADAIR**

Assistant Storekeeper, Chemical Laboratory.

MRS. W. J. ANTHONY

Clerk, College of Dentistry.

GEORGETTA BASHFORD.....350 W. 56th St.
Assistant in the Comptroller's Office.RUTH BOWNETT.....5136 9th Ave.
Secretary to the Dean of the Graduate School.MARY S. BOWEN, A.B.....1145 W. 35th St.
Assistant Registrar.HENRY W. BRUCE.....700 W. 28th St.
Assistant Purchasing Agent.**MRS. R. P. DOWNS**

Clerk, College of Dentistry.

ADA ENGLISH.....854 W. Adams
Secretary to the President.

- DOROTHY FREDERICKS.....281 S. Cudahy Ave., Bell
Assistant in the Purchasing Agent's Office.
- JEAN GALLOWAY.....Huntington Park
Secretary to the Comptroller.
- LOTTIE F. HOUGH
Secretary Mimeograph Department.
- BLANCHE R. HUMRICHOUSE.....1003 W. 35th
Assistant in the Comptroller's Office.
- KATIE L. HUMRICHOUSE, B.S.....1003 W. 35th
Secretary to the President Emeritus.
- CURTIS FERDINAND HUSE.....1068 W. 35th St.
Superintendent of Buildings and Grounds.
- BESS DEUEL KENTNER, B.L.....5647 Fountain Ave.
Secretary to the Dean of the School of Education and Appointment
Committee.
- CECELIA LUTZ
Secretary of the Superintendent, College of Dentistry.
- PEARL ALICE MACLOUSKEY
Registrar, College of Music.
- LAURA MARYE.....150 Central Ave., Ocean Park
Assistant in the Comptroller's Office.
- C. MINNICK
Clerk, College of Dentistry.
- MRS. F. T. NEALE
Secretary to the Dean, College of Dentistry.
- BESSIE M. OSBORN.....726 N. Occidental Blvd.
Accountant in the Comptroller's Office.
- ETHEL S. PROCTOR.....5143 Victoria Ave.
Cashier in the Comptroller's Office.
- EMILY GEORGIANA QUICK.....1200 W. 30th St.
Storekeeper, College of Pharmacy.
- MABEL E. RUSSELL, A.B.....1184 W. 30th St.
Assistant Registrar.
- ANNA BELLE SASNETT.....3937 So. Flower
Secretary to the Registrar.
- ALICE MAY SEVEY.....5115 Fifth Ave.
Assistant in the Registrar's Office.
- NETTIE D. SIMPSON.....1815 W. First St.
Secretary to the Assistant Comptroller.
- H. S. SCHOFIELD
Storekeeper, College of Denistry.
- MRS. E. SPEARS
Accountant, College of Dentistry.
- ANN SPIERING
Clerk, College of Dentistry.
- VESTA VALLIER
Clerk, College of Dentistry.
- GWYNN M. WILSON, A.B.....1680 W. 24th
Graduate Manager of Athletics.

ASSOCIATION SECRETARIES

- JEANETTE GREEN WILLIAMS, A.B.....Sacramento
- KATHERINE KING WAHRENBROCK, A.B.....1016½ W. 36th St.
Secretary of the Y. W. C. A.
- JOHN W. MCGINNIS.....909 W. 39th St.
Secretary of the Y. M. C. A.

LIBRARY STAFF

CHARLOTTE M. BROWN.....	4210 Denker Ave. Librarian.
DOROTHY DEACON, A.B.....	960 E. Colorado St., Pasadena Assistant Cataloguer.
*BERNICE LOVELAND	Riverside Cataloguer.
HELEN T. MILLER, A.B.....	1726 S. Oxford Ave. Library Assistant.
IRENE NONHOF	Librarian, College of Music.
RUTH LUCIA WATSON, A.B.....	5353 Abbott Place Reference Librarian.
GRACE WICKHAM.....	1532 Fourth Ave. Secretary to the Librarian.
MABEL S. WILSON.....	524 W. 43rd Place Library Assistant.

* On leave of absence.

THE UNIVERSITY

HISTORICAL

In response to a general feeling that the interests of Christian education demanded the establishment of an institution of higher learning in Southern California, plans were early matured which resulted in the founding, in the City of Los Angeles, of the University of Southern California. On July 29, in the year 1879, the original deed of trust was executed by Ozro W. Childs, Isaias W. Hellman, and John G. Downey, donors to A. M. Hough, J. P. Widney, E. F. Spence, M. M. Bovard, G. D. Compton, and R. M. Widney, as Trustees. On August 8 of the following year, 1880, the incorporation of the University was effected under the title, "The University of Southern California." The name of the corporation has since been changed to "University of Southern California."

The first Board of Directors consisted of eleven persons, namely: A. M. Hough, Charles Shelling, E. F. Spence, P. Y. Cool, S. C. Hubbell, E. S. Chase, P. M. Green, J. G. Downey, R. M. Widney, J. A. Van Anda, and F. S. Woodcock. These, together with the Trustees and the original donors of the trust, may be fairly held to represent the founders of the University. The corporation as at present constituted consists of thirty Trustees.

The Articles of Incorporation provide that the Trustees shall be elected by the Southern California Annual Conference of the Methodist Episcopal Church.

The first building was erected on the present campus site in 1880, and on October 4 of the same year the institution was formally opened for the reception of students, and the work of instruction was begun. Men and women are admitted to all departments of the University on the same conditions.

Although requiring no particular religious faith of its instructors and students, the institution, in accordance with the fundamental aim of its founders, stands for the effective promotion of Christian culture.

THE GOVERNMENT OF THE UNIVERSITY

The government of the University is committed to a Board of thirty Trustees. This Board has the power to elect professors and other officers of instruction, to confer degrees, to manage the property of the University Corporation, and to determine the general policy of the institution.

The President, the representative of the Board of Trustees, has charge of the administration of the University,

and is chairman of the University Cabinet. The principal administrative officers, other than the President, are the Deans, who have immediate charge of the work of the several faculties.

The University Cabinet is a representative body, consisting of the President, and the Dean of each of the several schools and colleges. It is the duty of the Cabinet to consider the work offered by the several schools and colleges, to adjust all questions involving more than one of the colleges, and to advise the President upon such matters as he may bring before it.

ADVANTAGES OF LOCATION

Los Angeles is the metropolis of the Pacific Coast. Its population of over 600,000 represents every State in the Union and many foreign lands. Its importance as a political and metropolitan center gives the students of the University unusual opportunities for observation and investigation along many lines, both cultural and professional.

The climate throughout the year is such that tourists from every quarter come to spend a part of the year, and many return to make this their permanent home.

It is the greatest railroad center on the Pacific Coast. Four transcontinental lines are now complete. A network of electric roads connects the city with the numerous beaches, mountain resorts, and outlying towns. These are reached by delightful journeys through orange groves and orchards of the semi-tropical fruits characteristic of this region.

It is known as the Convention City of the West. Every year brings large bodies of people here for the discussion of every kind of public interest known to science, politics, religion, and the humanities. These great conventions afford the student an excellent opportunity to study the subjects of their discussion; and the resident population of the city is sufficiently large to afford important advantages for the study of sociology and kindred subjects.

The diverse viewpoints of the groups of students in the various colleges make their association an important cultural factor in their lives.

The University campus is in close proximity to Exposition Park, in which more than a million dollars have been recently expended in erecting and equipping buildings and beautifying the grounds. The State Building contains exhibits of the products, mineral and vegetable, of the various counties of the State. The Museum of History, Science and Art contains the valuable collections of The Historical Society of Southern California, The Academy of Sciences, The Cooper Ornithological Society, The Fine Arts League of Los Angeles, and

numerous private collections. Because of their easy access, these collections afford special advantages to the students and faculties of the University.

The fifty-five acres of the park athletic grounds are available and afford ample facilities for all outdoor sports, making a valuable auxiliary to Bovard Field with its Stadium seating over 8000.

THE FORWARD MOVEMENT

The constantly growing needs of the University during the last decade have been the object of solicitous thought on the part of the administration and plans have been projected to meet them.

The Board of Education of the Methodist Episcopal Church included the campaign of the University of Southern California as part of the great Forward Movement. The purpose was thus set to obtain an ample campus and to raise one million dollars for additional endowment. This campaign was carried to a successful issue during the spring of 1918, more than \$1,227,000 being subscribed. At the present time there is being prosecuted a second campaign for an additional fund of ten million dollars.

On March 30, 1917, the Board of Trustees announced that all the frontage on the west side of University avenue between the present campus and Exposition Park had been secured. This fixes the status of the University as a city institution and assures an adequate campus in the present highly advantageous location.

The first of a group of new buildings, known as the George Finley Bovard Administration Building, was completed in 1921. It contains the various offices of administration, social halls, an auditorium seating 2000 and numerous recitation and lecture rooms. The north wing of this building is designated as the James Harmon Hoose Hall of Philosophy in honor of Dr. Hoose, whose labors contributed so largely to the upbuilding of the University. In a similar way the south wing is known as the Thomas Blanchard Stowell Hall of Education in recognition of the work of the Dean Emeritus of the School of Education. The cost of this building is over half a million dollars. The building is of fire-proof construction and affords ample quarters for the various departments.

The organ, located in the Auditorium, is the largest in the Southwest, and with the exception of the municipal organ in San Francisco, the largest on the Coast.

GENERAL INFORMATION

The College of Liberal Arts of the University of Southern California is situated in Los Angeles, about three and one-half miles southwest from the business section of the city. The College buildings are accessible by three lines of street cars. The West Jefferson Street, the University, and the Pacific Electric lines. This is one of the most beautiful and rapidly growing residence sections of Los Angeles.

EQUIPMENT

The University Libraries. The University Libraries contain over 45,000 volumes, professional libraries being maintained at the Colleges of Law, Dentistry and Music.

The Library of the College of Liberal Arts, containing over 32,000 volumes, is located in the main building of the University. It contains also the Dean Cochran Memorial Library of over two thousand volumes placed in the University by his son, George I. Cochran. Many new volumes are added each year to meet the demands of the various departments.

The reference room contains the general reference books, the bound magazines, and a carefully selected list of current periodicals. The stack room contains the circulating books. The collateral reading rooms occupy the entire first floor of the north wing and provide ample space for study and research work.

All officers, students, and graduates of the University have free access to the library, and may draw books for home use. The shelves are open to members of the Faculty and, upon recommendation of their major professors, to students engaged in advanced work.

The library is open five days in the week from 7:50 a. m. to 5:30 p. m., and on Saturdays from 8:00 a. m. to 3:30 p. m.

The Los Angeles Public Library of over 500,000 volumes is a most valuable supplement to the facilities offered by the University Library, and is accessible to all students. The University Library is a depository of the Public Library and books as needed are brought from the Public Library for the use of the students. The County Law Library containing 51,000 volumes is also available for reference work. The resources of the University Library are supplemented by an inter-library loan system with other colleges of the State.

Civil Engineering Laboratory for Testing Materials. For the purpose of conducting series of tests in the strength of materials used in engineering construction, arrangements have been made for the use of the apparatus of the Raymond

Osborn Testing Laboratories located in the Marsh-Strong building. The equipment of this laboratory is as complete as any on the Pacific Coast. Included in the apparatus is a 200,000 pound Olsen tensile and compression machine, a cold bending machine, two cement testing machines with the necessary immersion tanks and moist closets, sand analysis apparatus and all the minor appliances for carrying on scientific tests of materials.

Physics. The laboratories of the Department of Physics are well equipped for demonstration and experimental work in elementary and advanced general physics. The equipment is all of high grade and is especially complete for work in electrical measurements, physical optics, and photometry.

Electrical and Mechanical Engineering. Typical machines and a full equipment of testing instruments are provided for the laboratory work in this department. The equipment is conveniently arranged in the basement of the north wing.

The Biological Equipment. The entire second floor of the north wing of the main building is devoted to the biological laboratories and lecture room. The four laboratories with their 110 feet of desks facing immediately to the north, are so planned that each student has abundant light. Each student is supplied with individual desk and compound microscope. Specifically, the equipment of the four laboratories is as follows:

The Zoological Laboratory contains forty-nine single desks and a large demonstration table 4x11 feet, with drawers and cupboards on each side for supplies. Each student is furnished a compound microscope, and the necessary materials for dissection and study.

The Laboratory for Bacteriology and Physiology is 29x46 feet, facing the north. It is supplied with autoclaus, Arnold, and hot-air sterilizers, incubators, glassware, and all other necessary equipment for work in bacteriology. All the necessary materials, apparatus, including BB-8 Bausch and Lomb microscopes, are furnished the student. For Physiology the laboratory is supplied with the reagents and apparatus necessary for successful laboratory work, such as microscope, haemocytometer, etc. A complete set of the Harvard Physiological apparatus has been added. For Histology and Embryology the student is supplied with BB-8 microscope and has the use of the Minot automatic rotary microtome, Bausch and Lomb's automatic laboratory microtome, and all reagents necessary to carry on successful work.

The Biological Research Laboratory, 15x17 feet, adjoins the office of the department, which is also 15x17 feet. The equipment of these rooms is such as adapts them to advanced work

along special lines. The best microscopes of German and American make are available, including Bausch and Lomb, CC-8 Zeiss Ila, with achromatic and a set of apo-chromatic objectives with compensating eye-pieces. Other microscopes of the Leitz and Spencer types, imbedding baths, centrifuge, camera, and numerous microscope accessories and instruments are provided.

The Biological Lecture Room is 32x36 feet with raised seats. It has a seating capacity of about one hundred and fifty and is provided with skylight and fitted with screens for darkening to adapt it to the use of the electric projection apparatus and stereopticon that form part of the equipment. The lecture desk, which is fitted with drawers and cupboards, can be adjusted instantly for gas or water for demonstration purposes; this room, as well as all others, is well supplied with electric lights.

The Comparative Anatomy Laboratory with office and research room is fitted with suitable desks and equipment for Anatomy, Histology and Embryology.

During the past year the following biological laboratories occupying the second floor of the south wing have been equipped:

The General Botanical Laboratory is thirty by forty feet. It contains double desks with drawers and lockers for each student; cupboards, sinks, aquarium; growing tables, herbarium specimens, books and supplies. A compound microscope and materials for study are furnished each student. It has south, east and north exposures.

The Plant Physiology Laboratory is well equipped for the experimental study of plants. Among the apparatus are recording instruments: klinostat, self-recording thermometer, and auxonometer. It contains an electric drying oven of the latest type, and apparatus for the study of photosynthesis and respiration.

In addition to these laboratories are research rooms and offices which are equipped with the latest improved microscopes with oil immersion objectives, camera lucida, warm temperature stage, micrometers and other accessories for research work.

The Marine Biological Station. Since the destruction of the Marine Biological Laboratories at Venice by fire, the work of the station has been carried on off the coast at San Pedro. Pending the decision of the University as to the most favorable location at which to build new laboratories, the research work of the station is done at the new laboratories of the California Fish and Game Commission at San Pedro.

The station launch, the Anton Dohrn, has recently had installed a 30 horsepower Standard Marine engine and is now well equipped for marine research.

ATHLETICS AND PHYSICAL TRAINING

The Faculty of the College of Liberal Arts, recognizing that physical training is both hygienic and educative, desires to encourage every reasonable effort in the direction of physical development consistent with well-rounded manhood and womanhood. On its hygienic side physical training should aid the body in all its functions, develop a symmetrical form, correct deformity as far as possible, and afford recreation. In its educative function it should afford the discipline necessary for self-control, both mental and moral. Athletic sports are encouraged for their value in developing the body, and in furnishing a means of pleasant recreation as well as a source of social and ethical culture.

Gymnasium and Athletic Grounds. The women's gymnasium, and the men's gymnasium and basketball pavillion with seating capacity for over 2000 spectators, the tennis courts, the basketball courts, the enclosed athletic field, with its cinder path, turf football field, and the bleachers with 8200 sittings, furnish ample facilities for physical training and outdoor sports. In addition to this the University has free use of the limitless facilities provided by the immense athletic field of Exposition Park, situated adjacent to the University on the south.

Each student, on entering the department, undergoes a thorough physical examination in order that his or her physical condition may be known, and suitable exercises prescribed. The heart, lungs, sight, and hearing are examined, and the utmost caution is used in the advice given regarding individual exercises.

All athletic and team contests are under the close supervision of the director, and no student is permitted to compete in games or contests whose physical examination shows that he or she is unfit.

Any person who desires to enter athletic contests must attain a certain standard of scholarship before being permitted to participate.

DEBATING

The University provides opportunity for all who wish to engage in debating. During each season the schedule includes a number of intercollegiate debates, and in addition the Freshmen teams meet a number of other teams.

Extensive try-outs are conducted early each academic year, and prizes totaling \$60.00 are offered under the auspices of Delta Sigma Rho Fraternity, to the contestants ranking highest in "sincere and effective speaking." These men, together with others properly qualifying, represent the University in regular intercollegiate debate. (See under "Prizes.")

RELIGIOUS PRIVILEGES

The moral atmosphere surrounding the student is exceptionally good. The Young Men's Christian Association and the Young Women's Christian Association are active and effective in social and religious life. These Associations hold weekly meetings, open to all students. In addition to the chapel services, which are held under the direction of a faculty committee, courses of special addresses are delivered from time to time. A student prayer-meeting is held every Thursday at 7 p. m. The Young Men's Bible Class and the J. O. C., for women, meet at the University M. E. Church each Sunday morning. These privileges constitute a good Christian atmosphere in which to lay the foundation of character. Students are expected to attend some church each Sabbath, and are advised to join some Sunday class for the study of the Bible.

The University Methodist Episcopal Church is located near the campus, and is one of the most prosperous churches in the city. The Baptists, Disciples, and Presbyterians, and other denominations also have churches in the near vicinity. These advantages, together with fine public school privileges, make the University section of the city a very desirable place for the residence of families seeking educational opportunities.

During the session of 1921-22 the list of chapel speakers and University preachers has included the following: Dr. Dillon Bronson, Dr. Carl S. Patton, Bishop Wm. Stevens, Hon. J. Stitt Wilson, Dr. Henry H. Crane, Dr. Merle N. Smith, Dr. Robert Freeman, Dr. S. Parkes Cadman, Sir Auckland Geddes, Dr. James A. Francis, Dr. Marvin A. Rader, Bishop Fisher, Dr. E. P. Gifford, Dr. O. W. E. Cook, Bishop Adna W. Leonard.

THE WOMEN'S CLUB

A society of ladies interested in the welfare of the students was organized ten years ago under the name of Women's Auxiliary to supplement in all practical ways the plans of the University authorities for the comfort and convenience of the student body.

There are about one hundred members, and a meeting is held on the second Tuesday afternoon of each month. Mothers of students and ladies interested in the University are cordially invited to become members of this growing organization. The Women's Auxiliary has been reorganized as the Women's Club of the University, and has joined both the State and National Federation of Women's Clubs. In December, 1914, an Alumnae Department was formed for the purpose of keeping up the interest of women graduates in the affairs of the University, of supplying a bond of unity for the women now taking graduate work, and of furthering in all possible ways the interests of the University. Only

those women who have graduated are eligible to full membership, but any woman who has taken one year's work at the University may become an associate member.

STUDENT ORGANIZATIONS AND PUBLICATIONS

There are four literary societies connected with the College of Liberal Arts, the Aristotelian and Comita for men, and the Athena and Clionian for women. Of these, the Aristotelian and the Athena societies, which date back to the early years of the University, have large and well-furnished halls in which to hold their meetings. All of the societies are in flourishing condition. Once a week each conducts programs consisting of debates, papers, readings, music, discussions on current topics of vital interest, and drill in parliamentary law. Periodically all the societies meet in joint assembly under the auspices of the Civic League for the discussion of problems of civic interest and for the furthering of civic righteousness.

Among the students in the College of Liberal Arts are four national fraternities, ten national sororities, seven local fraternities, and three local sororities. One of the noteworthy features of these societies is their spirit of good-fellowship with those members of the student body who have no such affiliations. The Greek letter societies are under the supervision of a special Faculty committee. A system of grading by the University authorities encourages them to attain a high standard of scholarship.

"The Trojan" is a newspaper managed by a well-organized staff of undergraduates under the direction of the Department of Journalism, and devoted to news articles and announcements of events of interest to the University, and to editorial discussions of moment to the student body.

"El Rodeo" is the title of the college annual of descriptive articles, photographs, and cartoons, including all phases of the life in the College of Liberal Arts, and produced by the Junior class of each year.

FEES AND EXPENSES

Tuition, per semester, payable in advance.....\$105.00

Five dollars of the above is registration fee and is not refundable. Special rates will be made for students registering for less than ten units. Each student registering for more than the normal full course will be charged at the rate of \$10.00 for each unit in excess of the work covered by the \$105.00 charge—eighteen units for Freshmen and Sophomores, sixteen units for Juniors and Seniors.

Late Registration	2.00
This fee is charged if registration card is not stamped at the Office of the Treasurer and Comptroller before the first day of instruction.	
Diploma , all campus colleges, payable 30 days before graduation	10.00
Diploma in Social Work	5.00
Certificate in Social Work	5.00
Late Enrollment	1.00
For non-completion of enrollment within five days.	
Re-registration	1.00
For changing study-program after card is stamped.	
Laboratory, per semester:	
Assaying:	
Laboratory fee	14.00
*Breakage deposit.....	14.00
Biology, each course requiring laboratory work..	4.00
Blowpipe Analysis (Geology Department).....	2.50
Chemistry:	
Each laboratory course of one unit.....	7.00
Each laboratory course of two or three units...	14.00
*Breakage deposit per course.....	7.00
Testing Laboratory (Civil Engineering Department)	5.00
Electrical and Mechanical Engineering:	
Each unit of laboratory work.....	4.00
Physics:	
Each unit of laboratory work.....	4.00
Surveying (field work):	
One unit	2.50
Two units.....	4.00
Home Economics:	
Cookery (elementary and advanced).....	5.00
Nutrition (advanced)	1.50
Sewing (elementary and advanced)	1.00
Millinery	1.00

* Students in Chemistry deposit breakage fees of \$7.00 per course, per semester, and students in Assaying deposit breakage fees of \$14.00 per course, per semester. After the cost of goods broken is deducted the balance is refunded at the end of the year.

High School registration, per semester, or any part of a semester..... 10.00

(The registration fee is payable in advance and is not refundable. There is no tuition fee in the High School.)

School of Religion, registration, per semester for graduate students, admitted to candidacy for Bachelor of Divinity degree..... 25.00

Schedule of Discounts. (These discounts are applicable only to the tuition fee—not to laboratory or other fees. Applications must be filed at the office of the Treasurer and Comptroller. Only one discount may be applied in any case. Discounts apply only to courses consisting of more than one unit of work.)

To children of ministers in the active work of any evangelical denomination.....50%

To parents paying full tuition fees for two or more students from the same family.....10%

To public school teachers in active work.....10%

To graduate students who have received Bachelors' Degrees from the University of Southern California..... *

There are reciprocal arrangements between certain of the Colleges of the University whereby students paying for full work in one of the Colleges may take up specified work in another without additional charge. Further information may be obtained from the Office of the Treasurer and Comptroller.

Tuition is refundable only on written application and entirely at the option of the University. There will be no refund made after the middle of the semester. Any rebate allowed will be contingent upon the reason given in the application and will be figured on a scale based on actual time student is registered with the University. This scale takes into consideration the fact that there is absolutely no refund after the middle of the semester and is figured accordingly.

The University reserves the right to change any of the rates or discounts printed in this Year Book, without notice.

Board and furnished rooms can be secured in private families at reasonable rates. Other expenses incident to college life vary with the habits and circumstances of the students. They are not of necessity so great as to be burdensome to persons in moderate circumstances.

The Superintendent of Buildings and Grounds conducts a free rental bureau for the benefit of all students and has a list

* See Office of Treasurer and Comptroller.

of available rooms in the vicinity of the University Campus listed and on file. The Young Men's Christian Association and the Young Women's Christian Association conduct employment bureaus for the purpose of aiding students who are desirous of earning a part of their expenses while in college. The presidents of these Associations will be glad to answer any requests for information addressed to them.

A number of students each year find it possible to earn enough while attending the University to pay their expenses for the year. However, the University recommends that a student provide himself, if possible, with resources sufficient for the expenses of one semester before registering for full work.

SCHOLARSHIPS

The following scholarships have been founded in the College of Liberal Arts. Others contemplate the establishment of prizes and scholarships, and it is earnestly hoped that soon a considerably larger number can be offered. Friends of the University can greatly add to its usefulness in this way.

The **James Hugh Johnston Scholarship** was founded in perpetuity by Mrs. Anna H. Johnston of Pasadena, in memory of her deceased husband, and is for the benefit of needy students. Mrs. Johnston will name the incumbent when she desires; otherwise this will be done by the authorities of the University.

The **Spence Scholarship** was founded by the Hon. E. F. Spence in his lifetime, and is devoted to the use of needy students in the San Diego district of the Methodist Episcopal Church, upon the recommendation of the San Diego District Superintendent.

The **A. M. Peck Scholarship** was founded by A. M. Peck, of Compton.

The **Ontario Scholarship** is for the benefit of the Ontario High School.

The **Zana T. Stevens Scholarship** was founded by the Rev. F. G. H. Stevens, September 16th, 1907, in memory of Zana E. Stevens, née Terpenning, of the class of 1901. This scholarship is to be filled by a member of the J. O. C. class of the First Methodist Episcopal Church of Santa Monica, of which Mrs. Stevens was the organizer and teacher. The incumbent is to be named by the founder when he so desires, otherwise by the District Superintendent of the Los Angeles district and the authorities of the University. In case no member of this J. O. C. class is eligible, the incumbent shall

be chosen from any J. O. C. members who apply for same. In case none such apply, the incumbent shall be chosen from any women students who apply.

The A. M. Hough Scholarship was founded by Mrs. Anna G. Hough, May 7th, 1908. This scholarship is to be perpetual, and is to be used to aid some student each year in the College of Liberal Arts who is preparing to enter the ministry of the Methodist Episcopal Church. In case no such student should apply, the President of the University is authorized to use the scholarship to benefit any worthy student needing such help.

The George I. Cochran Scholarship was founded by George I. Cochran, who names the student receiving the benefit.

The Abbie Mills Scholarship was founded by Miss Abbie Mills. The scholarship is perpetual, the President to name the student receiving the benefit.

The Marion McKinley Bovard Scholarship was founded by Mrs. Anna Gould as a memorial to the first President of the University. The scholarship is perpetual. The beneficiary must be selected from eligible relatives of the first President if any such candidates apply; otherwise the President of the University may award the scholarship to any worthy student.

The Helen Miller (Gould) Shepard Scholarship was founded by Mrs. Helen Miller (Gould) Shepard. Children of missionaries are eligible for the use of this scholarship.

The Isaac Sunderland Scholarship was founded by Mrs. Kate Sunderland, September, 1912. Mrs. Sunderland, or some person designated by her, selects the student to receive the benefit of the scholarship.

The Fred W. Kelly Olympic Scholarship was founded by the friends of Mr. Kelly under the leadership of "The Los Angeles Times" in recognition of the athletic victory won by Mr. Kelly at Stockholm, Sweden, July, 1912. He represented the University of Southern California at the International Olympic contests and won the first place in the one hundred and ten meter high-hurdle race; time, 15.1 seconds. The scholarship is perpetual.

The S. P. and Helen B. Mulford Scholarship was founded by Mr. and Mrs. Mulford, August 26, 1914 (their twenty-ninth wedding anniversary), as a thank offering to their Heavenly Father. The beneficiary may be named by the founders, or either of them. In case this right is not exercised the President of the University may name the beneficiary.

The Zeta Tau Alpha Scholarship was founded by the local chapter of the Zeta Tau Alpha Sorority in February, 1917.

The beneficiary may or may not be a member of the sorority founding this scholarship. Any woman student in the College of Liberal Arts is eligible. Application for the use of this scholarship should be made to the President of the University, who, in consultation with the Zeta Tau Alpha Sorority, will make the selection.

The Rhodes Scholarship. Attention is called to the opportunities presented by the scholarships founded by the late Cecil Rhodes, of South Africa. Each of these is worth \$1500 per year for three years, the term to be spent at Oxford University. To be eligible to appointment candidates must pass a qualifying examination. Full particulars will be given on application to the Rhodes Scholarship Committee of the Faculty of Liberal Arts.

The John Thompson Memorial Scholarship was founded by the Baraca Class of the First M. E. Church of South Pasadena in memory of John Thompson, a former member of the class. It consists of one year's tuition in the College of Liberal Arts, the incumbent to be the man in the Senior Class of the South Pasadena High School who has made the highest record for scholarship for four years. The teacher of this class is Mr. Charles E. Carver, a graduate of the University.

The Charles William Paddock Scholarship was established by the Board of Trustees of the University in recognition of the athletic prowess of Mr. Paddock at the Inter-Allied Games, June 22 to July 6, 1919, at Pershing Stadium, Joinville-le-pont, France. He won the one hundred meter dash, June 29, time, 10 $\frac{1}{2}$ seconds, and the two hundred meter dash, July 1, time, 21 $\frac{1}{2}$ seconds. In the eight hundred meter relay he ran the first lap of two hundred meters in 21 seconds, the fastest time ever made in the relay. This relay was won by the American team on July 3, in the world's record time of one minute, 30 $\frac{1}{2}$ seconds. The scholarship is perpetual.

The Mrs. Emma S. Davis C. S. B. Scholarship for Women was founded July 1, 1920, by the executrix for the estate of the late Mrs. Emma S. Davis, in accordance with the wishes of the latter. Interest at six per cent on a fund of fifteen hundred dollars is available for the beneficiary, who is to be appointed by the executrix or her heirs. In case no appointment is made in this manner the President of the University may name a student to use the scholarship. Any woman student who meets the entrance requirements as to character and scholarship is eligible.

Scholarships in Biology. A series of scholarships each worth \$100 per year and laboratory fees in Biology. At present two are offered in Zoology, two in Botany, one in Bacteriology, one in Marine Biology. Applications to be made in advance to the Department of Biology.

The Pond Scholarship was founded by Mrs. N. F. W. Pond. The beneficiaries shall be of Oriental descent and must be satisfactory candidates for work in mission fields.

JUBILEE ENDOWMENT FUND SCHOLARSHIPS

During the Jubilee Endowment Campaign of 1918 the following Scholarships were founded. Interest on the funds donated to the University is credited perpetually or for a period of years (depending on the size of the gift) to the accounts of the students named as beneficiaries.

Perpetual Scholarships

William C. Kolkhorst and Wife Scholarship Fund. William C. Kolkhorst, donor.

Marshall L. Hazzard Scholarship Fund. Marshall L. Hazzard, donor.

A. E. Beckes Scholarship Fund. A. E. Beckes, donor.

Elsie M. Barnett Memorial Scholarship Fund. Mr. and Mrs. Z. T. Barnett and Mr. M. Bassett, donors.

Mr. and Mrs. Charles G. Anderson Scholarship Fund. Mrs. Charles G. Anderson, donor.

Santa Barbara Grace Church Scholarship Fund. Santa Barbara Grace Church, donor.

Mr. and Mrs. R. O. Deacon Scholarship Fund. R. O. Deacon, donor.

Harry W. Vermilion Scholarship Fund. Mrs. L. Vermilion, donor.

Lillian Vermilion Scholarship Fund. Mrs. L. Vermilion, donor.

Frank and Sadie Thompson Scholarship Fund. F. F. Thompson, donor.

Sanger Methodist Scholarship Fund. Sanger Methodist Church, donor.

Cooper Shapley Scholarship Fund. Cooper Shapley, donor.

Mr. and Mrs. F. M. Parrish Scholarship Fund. F. M. Parrish, donor.

Mr. and Mrs. Webster Potter Scholarship Fund. J. Webster Potter, Mrs. Webster Potter, donors.

Mr. and Mrs. W. T. Pitman Scholarship Fund. Mr. and Mrs. W. T. Pitman, donors.

Theodore Shaffer Scholarship Fund. Lillie Shaffer Moore, donor.

George N. and Hattie V. King Scholarship Fund. George N. and Hattie V. King, donors.

Mr. and Mrs. Fred Stebler Scholarship Fund. Fred Stebler, donor.

Mr. and Mrs. C. J. Walker Scholarship Fund. C. J. Walker, donor.

Mr. and Mrs. C. J. Walker Scholarship Fund. Carrie D. Walker, donor.

Charles K. Richardson Memorial Scholarship Fund. Geo. M. Richardson, G. L. Richardson, Frank Richardson, G. S. Faulkner, Mrs. Alpha Ayers, F. A. Shipley, donors.

Teague Scholarship Fund. C. C. Teague, donor.

The Hopper Scholarship Fund. S. D. Hopper, donor.

Jacob Shideler Scholarship Fund. Jacob Shideler, donor.

Isaac J. Reynolds Scholarship Fund. Isaac J. Reynolds, donor.

Mr. and Mrs. George L. Hazzard Scholarship Fund. Geo. L. and Mary A. Hazzard, donors.

Josephine Howard Scholarship Fund. Maud Josephine Howard, donor.

Twenty-year Scholarships

Mark Q. Watterson Scholarship Fund. Mark Q. Watterson, donor.

Frank W. Dunlop Memorial Scholarship Fund. Luella D. Kimball, donor.

Sanborn Scholarship Fund. Anna M. and L. H. Sanborn, donors.

Margaret Smith Scholarship Fund. Edith M. Smith, donor.

Stanfield Scholarship Fund. D. A. Stanfield, donor.

A. G. Wallis Scholarship Fund. A. G. Wallis, donor.

B. A. Rapp Scholarship Fund. B. A. Rapp, donor.

Lawson M. La Fetra Scholarship Fund. Mrs. Lawson M. La Fetra, donor.

Minnie Elizabeth Mendenhall Scholarship Fund. M. E. Mendenhall, donor.

Moore Scholarship Fund. A. H. Moore, donor.

Levi D. and Mary B. Johnson Scholarship Fund. Levi D. and Mary B. Johnson, donors.

D. W. Huffman Scholarship Fund. D. W. Huffman, donor.

Henry Hambden Holmes Memorial Scholarship Fund. Margaret J. B. Holmes, donor.

Hammer Scholarship Fund. P. W. Hammer, donor.

Lawrence Hall Scholarship Fund. R. T. Hall, donor.

Homer Monroe Dawley Scholarship Fund. Isaac Dawley, donor.

John A. Copeland Scholarship Fund. John A. Copeland, donor.

C. C. Barr Scholarship Fund. C. C. Barr, donor.

O. H. Barr Scholarship Fund. O. H. Barr, donor.

Betts-Oliver Scholarship Fund. Will A. Betts, John Oliver, donors.

Balcom Scholarship Fund. Miles Balcom, donor.

Mr. and Mrs. Merle N. Smith Scholarship Fund. Mae Wolfe Smith, donor.

Anderson Scholarship Fund. J. E. Anderson, donor.

Mr. and Mrs. R. L. Churchill Scholarship Fund. R. L. Churchill, donor.

Mrs. Eliza Watterson Scholarship Fund. Eliza Watterson, donor.

Fund to be named later. W. J. Naftel, donor.

De Bolt Scholarship Fund. F. H. De Bolt, donor.

Fred M. Smith Scholarship Fund. Fred M. Smith, donor.

Margaret and Isabelle Hamilton Scholarship Fund. Margaret and Isabelle Hamilton, donors.

Mr. and Mrs. J. P. Livoni Scholarship Fund. Mr. and Mrs. J. P. Livoni, donors.

Harris Scholarship Fund. A. R. Harris, donor.

Royal Plummer Scholarship Fund. Martha S. Plummer, donor.

Ten-year Scholarships

Mr. and Mrs. John Hedley Scholarship Fund. John Hedley, donor.

Alice F. Woodsum Scholarship Fund. S. T. Woodsum, donor.

Special Eight-year Full Scholarship

Kaufman and Claypool Scholarship Fund. Martha D. Kaufman and Emma L. Claypool, donors.

PRIZES

The Lottie Lane Prize, established by Mrs. Charlotte A. Thompson as a memorial to a deceased daughter, is an elaborate gold medal to be presented each year at Commencement to that member of the graduating class who shall have maintained the highest general average in scholarship throughout the whole college course. Students who have taken more than four academic years to complete the course, and those who have received credits for work done elsewhere than in this College, are not eligible for this prize. This medal was awarded in 1921 to Gertrude Virginia Gilmor.

Bowen Foundation for Debating Prizes. See debating.

Alpha Zeta chapter of Alpha Kappa Psi offers a cup as a prize to the man having the highest scholastic standing in the freshman class of the College of Commerce. The awarding of the prize is under the supervision of the Scholarship Committee of the College of Commerce. The first prize is to be awarded on the basis of the work of the school year of 1922-23.

For further information address

UNIVERSITY OF SOUTHERN CALIFORNIA
Los Angeles, California

ADMISSION TO THE UNIVERSITY

I. ADMISSION FROM SECONDARY SCHOOLS

A candidate for admission to the University of Southern California for the purpose of pursuing one of the regular Undergraduate Courses must qualify (1) for admission to freshman standing, and (2) for admission to the undergraduate course of his choice.

ADMISSION TO FRESHMAN STANDING

a. **By credentials from an accredited California high school.** A graduate of an accredited high school in California may be admitted to freshman standing without examination provided the following requirements are satisfied:

1. The applicant must be duly certified as a graduate of a California high school.
2. The applicant must have completed a four-year high school course covering at least fifteen standard units of preparatory work, including the requirements for graduation prescribed by the California State Board of Education.*
3. The applicant must present a certificate of recommendation signed by the high school principal stating that the applicant in the opinion of the principal is fitted to undertake college work by reason of character, ability, purpose in life, and scholarship.

b. **By credentials from high schools in other states and from private schools.** Applicants for admission from accredited high schools in other states and from accredited private schools will be held to the admission requirements under (a) above, or to the equivalent of such requirements as determined by the Faculty Committee on Credentials.

* A resolution of the California State Board of Education directs that all public high school curricula in California require for graduation after July 1, 1920, the following: English, 2 units; United States history and civics, 1 unit; laboratory science, 1 unit; and all such curricula must be so organized as to include two majors of at least 3 units each—a major consisting of three years of study in one of the following groups: (1) English (in vocational courses 1 unit of citizenship may be included with 2 units of English to make one major); (2) mathematics, including mechanical drawing; (3) history and social science; (4) physical and biological sciences; (5) foreign language—3 or more units in one language, or 2 units in each of two languages.

c. **By examination.** Alternatives for admission by credentials are (1) the passing of entrance examinations in fifteen units of preparatory subjects approved by the Faculty Committee on Credentials, and (2) the combination of credentials and the passing of entrance examinations in subjects not covered by credentials from an accredited school.

ADMISSION TO UNDERGRADUATE COURSES

A student admitted to freshman standing in the University may not be qualified to undertake immediately the work of the undergraduate course of his choice because of deficiencies in preparatory subjects prescribed for that particular course. A student may remove such deficiencies by completing the corresponding courses offered in the University, by examinations, or by other means approved by the faculty.

It is important to note that the removal of deficiencies in preparatory subjects after admission to freshman standing may make it necessary for the student to prolong his college course beyond the normal number of semesters. For this reason a student planning to enter the University of Southern California should plan his high school course with a view to meeting not only the requirements for freshman standing, but also the requirements for admission to the undergraduate course of his choice.

Required Preparatory Subjects for Undergraduate Courses

For the course leading to the degree of **Bachelor of Arts** (College of Liberal Arts):

English	2 units
A Foreign Language.....	2 units
A Laboratory Science.....	1 unit
Algebra	1 unit
Geometry	1 unit
United States History and Civics.....	1 unit
Electives (of which not more than three may be in vocational subjects)	7 units

For the course leading to the degree of **Bachelor of Science in Engineering** (College of Liberal Arts):

English	2 units
A Foreign Language.....	2 units
Chemistry	1 unit
Physics	1 unit
Elementary Algebra.....	1 unit
Advanced Algebra.....	1 unit
Plane Geometry.....	1 unit
Trigonometry and Solid Geometry.....	1 unit
United States History and Civics.....	1 unit
Electives	4 units

For the **Pre-Legal Course** (College of Liberal Arts).

(See subjects listed as required preparatory subjects for the course leading to the degree of **BACHELOR OF ARTS**.)

For the **Pre-Medical Course** (College of Liberal Arts).

(See subjects listed as required preparatory subjects for the course leading to the degree of **BACHELOR OF ARTS**.)

For the first two years of the course in **Mining Engineering** (College of Liberal Arts).

(See subjects listed as required preparatory subjects for the course leading to the degree of **BACHELOR OF SCIENCE IN ENGINEERING**.)

For the course leading to the **Diploma in Speech** (School of Speech).

The subjects required for admission to the course leading to the degree of Bachelor of Arts (College of Liberal Arts).

For the course leading to the degree of **Bachelor of Letters** (School of Speech).

The subjects required for admission to the course leading to the degree of Bachelor of Arts (College of Liberal Arts).

For the course leading to the **Teacher's Certificate in Music** (College of Music).

No preparatory subjects are required for admission to the course leading to the Teacher's Certificate in Music, but the requirements for freshman standing must be met before the completion of the course.

For the course leading to the degree of **Bachelor of Science in Pharmacy** (College of Pharmacy).

The subjects required for admission to freshman standing.

For the course leading to the degree of **Graduate in Pharmacy** (College of Pharmacy). The subjects required for admission to freshman standing. In the fall of 1922 candidates will be admitted with but three years of High School work, but thereafter the full requirements will be in force.

For the course leading to the **Diploma in Theology** (School of Religion).

The subjects required for admission to freshman standing.

For the course leading to the degree of **Bachelor of Science in Business Administration** (College of Commerce).

The subjects required for admission to the course leading to the degree of Bachelor of Arts (College of Liberal Arts).

For the course leading to the degree of **Doctor of Dental Surgery** (College of Dentistry).

English	2 units
Latin, French, German or Spanish.....	2 units
Laboratory Science (Botany, Zoology, Physiology, Physics or Chemistry).....	1 unit
Algebra and Plane Geometry.....	2 units
United States History and Civics.....	1 unit
Electives	7 units

For the course leading to the degree of **Bachelor of Laws** (College of Law).

The subjects required for admission to the **Pre-Legal Course**, College of Liberal Arts, and the equivalent of sixty units in the College of Liberal Arts.

For the course leading to the degree of **Bachelor of Music** (College of Music).

The subjects required for admission to freshman standing.

For the course leading to the **Diploma in Music** (College of Music).

No preparatory subjects are required for admission to the course leading to the Diploma in Music, but the requirements for freshman standing must be met before the completion of the course.

II. ADMISSION TO ADVANCED STANDING

Admission to advanced standing is by specific action of the Committee on Credentials and Registration, who will evaluate credit presented and determine the standing of the candidate.

1. Students from other institutions of recognized collegiate rank, including Junior Colleges with well established courses, may be admitted to such standing and upon such terms as the Faculty may deem equitable. Every such candidate is required to present a catalogue of the institution in which he has studied; a full statement, duly certified, of the subjects he has there completed and of the subjects there presented for entrance; and a letter of honorable dismissal. The Faculty reserves the right to determine, after a test of at least one semester, the amount of credit that the applicant may receive.

Students from accredited Junior Colleges may receive tentative advance credit up to a maximum of 64 units.

2. Graduates of approved state normal schools whose normal school course has been preceded by a full four-year high school course or whose combined normal school and high school work covers six years of work, may ordinarily be granted forty-eight units of advanced standing. The amount of advanced standing granted the recommended graduates of the California state normal schools, beginning with the graduating classes of 1921, may be extended to sixty units, provided in the judgment of the Committee on Credentials the work completed is substantially equivalent to the work of the lower division of the University.

III. ADMISSION TO GRADUATE COURSES

Admission to the Graduate School of Arts and Sciences and to candidacy for advanced degrees is by action of the Council on Graduate Study and Research. Application should be made to the Dean of the Graduate School, when a full statement of degrees received and undergraduate work completed should be made and credentials presented. See complete statement under Graduate School of Arts and Sciences.

Admission to the Graduate Course, College of Law

A student seeking admission to the Graduate Course, College of Law, for the purpose of becoming a candidate for the degree of Master of Laws must have previously received the degree of Bachelor of Laws or Juris Doctor from the College of Law, University of Southern California, or from any college of law which is a member of the Association of American Law Schools. See complete statement under College of Law.

IV. ADMISSION AS SPECIAL STUDENTS

Candidates for Admission as Special Students must be persons of mature age who desire to take up special work in one department, or in one subject with its related branches. Such special students are not candidates for a degree; but they may become candidates by satisfying the entrance requirements for a regular course. Such students come under the same regulations as regular undergraduates, and forfeit their privileges by failure to maintain a good standing.

THE UNDERGRADUATE ARTS COURSES

The College offers regular undergraduate courses with major subjects as follows: Art, Biology (Zoology or Botany), Chemistry, Economics, Education, English, French, German, Greek, History, Home Economics, Latin, Mathematics, Philosophy, Physics, Physical Education, Political Science, Psychology, Religious Education, Sociology, and Spanish. Each of these courses is designed to give a liberal education, extends through four years, and leads to the degree of Bachelor of Arts.

Each course requires completion of one hundred and twenty units of college work, exclusive of the requirements in Physical Education. In this connection a "unit" means one exercise a week throughout a semester, each exercise to represent, for the average student, one hour of recitation or lecture, and two hours of preparation or of subsequent reading per week, or an equivalent amount of work in laboratory courses.*

Lower Division courses are usually to be taken in the Freshman and Sophomore years and Upper Division courses in the Junior and Senior years. Sixteen units per semester for the Lower Division and fourteen for the Upper Division is considered full work.

Not later than the beginning of the Junior year every student shall make choice of the department in which he desires to pursue his major course. His work will thereafter be under the direction of that department. It is advisable that this choice be made as soon after matriculation as possible, so that the entire work of the student may be properly planned.

Requirements for Degree of Bachelor of Arts

The following work must be completed in candidacy for the degree of Bachelor of Arts:

A. Junior Standing Requirements. To be completed by the end of the Sophomore year.

English 1. One year; six units.

Science. One year; eight or ten units. The science may be Chemistry, Physics, Botany, or Zoology.

Foreign Languages. Two years; sixteen units. The language may be Latin, Greek, German, French, Spanish, or Italian. If the language offered for entrance is continued, the requirement is reduced to six units.

Psychology. One semester; three units.

*Physical Education. Two years; two hours per week, not counted toward the 120 units of required work.

B. General College Requirements. Twelve units from two of the following groups other than the group in which the student's major subject is included. 1. Mathematics; 2. Sociology, Economics; 3. History, Political Science; 4. Philosophy, English Bible.

C. The requirements of the major department.

D. A minor subject, approved by the major department.

E. Elective courses, to be selected by the student with the advice of his major professor, sufficient to complete the required 120 units.

F. It is also required that thirty-six of the units completed during the Junior and Senior years shall be in Upper Division courses.

Options in the Professional Schools

Law.—A student who has completed ninety-four units of undergraduate work, including required work in the major

* Candidates receiving their degrees after January, 1923, will be required to complete 124 units of college work in which will be included the work in Physical Education.

department and all general college requirements, so as to be entitled to enter the Senior year of the College of Liberal Arts, University of Southern California, may enter the first year class at the College of Law and may receive the degree of Bachelor of Arts upon the satisfactory completion of two years' work in that college, and may receive the degree of Juris Doctor upon graduation from the College of Law.

Music—The Bachelor of Arts degree is granted to students who have completed ninety-four units, exclusive of any units in music, in the College of Liberal Arts and who have also completed the Public School Music course in the College of Music. The ninety-four units shall include (a) a major of twenty-four or more units, (b) a minor of twelve units, and (c) all other work required of regular Liberal Arts students.

Speech.—The Bachelor of Arts degree is granted to students who have completed ninety-four units, exclusive of any units in oratory, in the College of Liberal Arts and who have also completed the Diploma Course in Speech. The ninety-four units shall include (a) a major of twenty-four or more units, (b) a minor of twelve units, and (c) all other work required of regular Liberal Arts students.

Pre-Legal Course

One year (thirty units) of work in the College of Liberal Arts is required for admission to the School of Law.

Beginning with the Fall Quarter of 1922 two years of pre-legal work (sixty units) will be required.

It is recommended that this pre-legal course include:

First Year

English 1, 6 units; a Foreign Language, 5 or 3 units; Economics 1, 6 units; Public Speaking, 4 units; History 2 or 13-14, 3 units; Physical Education 1, 2 units; Electives, 2 to 6 units; total 18 units per semester.

Second Year

English 50, 4 units; Science, 8 or 10 units; Philosophy 51, 3 units; Psychology 1, 3 units; Foreign Language, 6 units unless completed in freshman year; Political Science 1, 4 units; Public Speaking 104, 4 units; Physical Education 2, 2 units; Electives, 0 to 8 units; total 18 units per semester.

It is strongly recommended that students take a three year pre-legal course and thus qualify for the A.B. and J.D. degrees.

Pre-Medical Course

The minimum requirements for entrance to standard Medical Colleges, as prescribed by the American Medical Association, include the following subjects.

English 1—Freshman English.....	6 units
Chemistry—including organic Chemistry.....	12 units
Zoology 1	8 units
Physics 1—General Physics.....	8 units
French or German.....	16 units
Electives	10 units
	<hr/>
	60 units

An additional year and certain other specific requirements are made by many medical colleges so that students should consult the catalogue of the institution of their choice before arranging their pre-medical work.

The Courses in Engineering

The courses in the Department of Architecture, Civil Engineering, Electrical Engineering, Mechanical Engineering, Mining Engineering and Industrial Chemistry are more extensively technical than the Art courses just described. The courses therefore differ from the foregoing in their greater rigidity of outline, and in the increased amount of hours assigned to the work of the various years. These technical courses lead to the degree of Bachelor of Science. For a description of the work, together with the full outlines of the required courses, see articles on Engineering Courses as indicated in the index.

LIBRARY SCHOOL

The Library School of the Los Angeles Public Library conducts a nine months' course of instruction in Library Science, for which credit may be allowed by the Credentials Committee toward the degree of Bachelor of Arts in the University of Southern California.

The object of the school is to give well-rounded preparation for library work. The curriculum includes lectures, class discussions and practice problems in the fundamentals of library technique, library administration, and bibliography. The Los Angeles Public Library system, with its large collection and well organized branches offers exceptional opportunities for the supervised practical work which is a feature of the course. Regular students who wish to become school librarians or children's librarians are given the opportunity to specialize in these branches. A certificate is given those who complete the course with satisfactory standing.

Classes commence in October. It is not possible to enter at any other time.

Students are advised to take as much academic work as possible before entering the library school. Subjects which make the best foundation for library work are English, History, Economics, Sociology and modern languages.

A circular giving full information about the Library School may be obtained by addressing: Principal, Library School, Los Angeles Public Library.

CLASSIFICATION OF STUDENTS

Students of the College of Liberal Arts are divided into two groups on the basis of the nature of the work pursued. The Lower division includes the first two years of college work, which continues the broad cultural work begun in the high school and lays the foundation for the more specialized work that is to follow. The upper division includes the last two years of college work and is given to a more intensive study in one field or department, supplemented by work in related subjects.

For convenience in administration students are classified as follows:

Freshmen: Those who have completed less than 31 units of work.

Sophomores: Those who have completed 31 to 61 units of work.

Juniors: Those who have completed 62 to 92 units of work.

Seniors: Those who have completed 93 or more units of work.

Students in Engineering and other more specialized courses will be classified as Sophomores, Juniors, or Seniors, upon the completion of nine-tenths or more of the work outlined for the year preceding the respective years.

REGISTRATION

Every student is required to register in person at the office of the Registrar before entering upon his college work. The registration days for each semester are announced in advance and any student not registered at the close of the first week of the semester is subject to a fee of two dollars for late registration and a reduction in the number of units of work he is permitted to carry.

Before registering every student entering the University for the first time must have submitted to the Registrar a transcript of his high school credits, accompanied by a letter of recommendation from the principal under whom he completed his work, and to have received from the Registrar's office a statement that his entrance credits are acceptable or the conditions under which he is permitted to register for freshman work.

Upper Division students are required to confer with and to have their study programs approved by the professors of

their major subjects, who are their advisers during the junior and senior years.

A Board of Lower Division Advisers, consisting of members of the regular faculty, is appointed by the Administration to direct the enrollment of freshmen and sophomores. Lower division students will be assigned to advisers with whom they must confer in the arranging of programs and to whom they may go for advice in any problems connected with college life. A lower division student, as soon as he announces the selection of a major study, will be assigned to an adviser connected with the department in which he wishes to major.

No lower division student may be registered for more than eighteen hours, including Physical Education, and no upper division student for more than sixteen hours, without the special permission of the Committee on Scholarship. This permission is not granted to any student in his first semester of residence. Petitions to the Committee on Scholarship must bear the signature of the student's adviser before they will be given consideration.

Changes in registration may be made only through the Registrar's Office on blanks specially provided. The student must secure the written approval of his adviser before any change will be made at the Registrar's Office. Any change in a student's study program after the close of the first two weeks of the semester will involve a fee of one dollar. No changes of registration or new registrations are permitted after the close of the second week of regular college work. A course dropped without permission of the instructor and the student's adviser is regarded as a failure and so recorded. Permission to withdraw, without "failure," from any course may be granted by the Scholarship Committee upon written application by the student.

A student engaging in extra-curricular activities or outside work which limits his time and exhausts his energy is subject to a corresponding limitation in the number of units he may carry in regular college work. Prescribed studies and work necessary to remove conditions take precedence over elective studies. Lower division courses pursued by upper division students may involve either additional work or reduction in the number of units of credit.

ATTENDANCE, EXAMINATION AND GRADES

Students are expected to attend all the exercises of the courses for which they are registered. Absences are counted from the day on which instruction begins, and are reported by instructors to the Registrar's Office. Absence from class work for any course is a loss to the student and is so considered by instructors in making out their reports.

Regular examinations are held at the close of each semester in the studies that have been pursued in the different classes. At the end of the semester a report is issued by the office giving the student's standing in each subject for the semester.

Scholarship Grades are indicated by letters, as follows:

A, B, C, D, passing grades.

Con. Conditional, work not up to passing grade.

Inc. Incomplete, indicating that while the work done is of passing grade, certain portions remain uncompleted.

F. Failure. Credit can be given only upon repetition of the course.

If the student is reported "conditioned" or "incomplete," such delinquency must be made up in such manner as the instructor may determine, within one year from the date thereof. If the delinquency be not thus made up, the student may be required to take the subject again with a class, before credit in said subject may be obtained.

It is the general practice of the members of the faculty to so distribute grades as to approximate the "Biological Law"; thus it is expected that average achievement will be represented by a "C" grade.

Grade points are estimated as follows: For each unit of A grade, 3 points; of B grade, 2 points; of C grade, 1 point; of D grade, 0 point. 124 points are required for graduation.

Probation. Any student receiving F or Con., in one-third or more of the work carried in any semester, may continue his work the following semester only by special permission of the Committee on Scholarship, and will be placed on probation. A second such failure or unsatisfactory report during the semester while on probation will result in dismissal. No student while on probation may take part in any intercollegiate contest or represent the University in any public manner, either as an individual or as a member of any organization.

Students may also be placed on probation as a disciplinary measure.

Special examinations. A fee of two dollars is charged for the following special examinations:*

1. Examinations for college entrance not taken at the regular time.
2. Examinations for college credit on work for which special credentials cannot be supplied.
3. Examinations to make up mid-semester or final examinations, whether the delinquency is caused by failure to pass or by absence.

The dates of these special examinations are announced in the Calendar.

* Instructors are authorized to give such examinations only on presentation of the Treasurer's receipt for the fee in question.

ASSEMBLY

By united action of both faculty and students attendance at Assembly is required. Seats are assigned on registration, and students must be in their seats by the singing of Alma Mater. After that the general public may occupy the vacant seats. Egress from chapel during the hour is counted as an absence, and an excess of absences will make necessary an additional number of units for graduation.

The Tuesday Assembly is in the main, of a religious character, and leading ministers and lecturers of all denominations are among the speakers. Thursday is kept more especially for educational features and for student activities.

GRADUATION

Requirements. Upon the completion of one hundred and twenty-four units, including all the general college requirements and the satisfaction of the requirements in Physical Education, the student may be granted the degree of Bachelor of Arts, **provided**, that at least one academic year shall have been spent in residence in this University and that at least 124 grade points have been received.

The degree of Bachelor of Science in Engineering will be given upon the completion of the required courses in Engineering, provided that at least one academic year shall have been spent in residence in this College and that a satisfactory standard of scholarship shall have been maintained.

Graduation with Honors.—Students may be graduated cum laude or magna cum laude under rules established by the Scholarship Committee.

Engineering students may be graduated "with distinction" under rules established by the Committee on Engineering.

Under no circumstances will these honors be conferred upon a student who has spent less than two full years in this University.

THE GRADUATE SCHOOL

During the academic year 1910-11 the Graduate Department of the College of Liberal Arts was formally organized. General oversight of the Department was intrusted to the Graduate Council, which was appointed from the Faculty by the President of the University. The members of the Graduate Council for its first year were: James Harmon Hoose (Chairman), Rockwell D. Hunt (Secretary), Thomas B. Stowell, Edgar M. von Fingerlin, Gilbert E. Bailey, and James Main Dixon.

The Graduate Council has been enlarged from time to time: during the year 1921-22 it has comprised eighteen members, the administrative officers being Rockwell D. Hunt (Dean) Chairman, and John H. Montgomery, (Registrar) Secretary.

In order more adequately to meet the increasing demands of qualified candidates and to provide enlarged opportunities for graduate study and scholarly investigation, the Board of Trustees of the University at its meeting held January 27, 1920, authorized the organization of the Graduate School of Arts and Sciences. At a meeting of the Board held February 24, 1920, Professor Rockwell D. Hunt, Chairman of the Graduate Council, was appointed Dean of the Graduate School and duly authorized to proceed with its further organization.

PURPOSE

The main purposes of the Graduate School of Arts and Sciences are as follows: (1) To give due prominence to graduate courses of instruction offered by the University; (2) to insure systematic and efficient administration of this advanced work; (3) to provide separate instruction and enlarged opportunities in advanced studies and research work for graduate students.

THE COUNCIL ON GRADUATE STUDIES AND RESEARCH

Beginning February, 1922, the Council on Graduate Studies and Research consists of the following members of the faculty:

RUFUS BERNHARD von KLEINSMID, Sc. D.

President of the University

ROCKWELL D. HUNT, Ph.D., Chairman

J. H. MONTGOMERY, M.S., E.E., Secretary

HERBERT D. AUSTIN, Ph.D.

ROY MALCOM, Ph.D.

EMORY S. BOGARDUS, Ph.D.

CHARLES E. MILLIKAN, LL.M.

JAMES M. DIXON, L.H.D.

ARTHUR W. NYE, M.E.

JOHN J. FISHER, D.D.

SAMUEL RITTENHOUSE, Ph.D.

RALPH T. FLEWELLING,
S.T.B., Ph.D.

LESTER B. ROGERS, Ph.D.

ALLISON GAW, Ph.D.

Licet. en S. and P.

CLARENCE V. GILLILAND,
A.M., D.D.

LAIRD J. STABLER, Ph.C., Sc.D.

JOHN G. HILL, Ph.D.

D. VICTOR STEED, Ph.D.

JOHN W. TODD, Ph.D.

Its functions are: (1) To define conditions of admission to the Graduate School; (2) to provide courses of graduate instruction, and to pass judgment upon the graduate courses offered by the respective departments, no one of which courses shall become operative without the approval of the Council; (3) to pass upon the credentials of all candidates for graduate standing; (4) to establish and to maintain the requirements for all graduate degrees; (5) to recommend regulations for the effective organization and administration of the Graduate School.

ADMISSION TO THE GRADUATE SCHOOL

Admission to the Graduate School is granted to graduates of the College of Liberal Arts of this University and to graduates of other colleges and scientific schools of recognized standing who present satisfactory evidence of character and qualifications. Other persons of suitable age and satisfactory attainment may be admitted to the advantages of the graduate courses upon approval by the Council. Admission to the courses of the Graduate School does not in itself imply admission to candidacy for a graduate degree.

An undergraduate student who is within 24 units of the bachelor's degree may be permitted, with the approval of the Council and the major professor, to take graduate courses, provided that he be not carrying more than 12 units of undergraduate work. Such a student may register for only sufficient graduate work to bring the total number of units carried to 15. In all such cases a student should at the opening of the semester petition the Council for admission to the graduate courses he desires to take. If such a student afterwards matriculates for the degree of Master of Arts, the graduate courses previously taken by him are entered as "already completed" in this curriculum.

The steps required for admission to the Graduate School are: (1) Consultation with the Dean; (2) consultation with the head of the department in which the student desires to do his major work. At the time of making application the student should present his credentials, including (1) his baccalaureate diploma; (2) certified transcripts from the records of institutions previously attended, listing all his preceding courses with their unit-values and the grades attained. If the required documents are not immediately at hand registration is merely tentative, pending their presentation.

DEPARTMENTS OF GRADUATE STUDY

The University at present offers courses for graduate credit in the following departments: Art, Biology, Chemistry, Economics, Education, Engineering (Civil, Electrical, and Applied Mathematics), English, French, Geology, German, Greek, History, Home Economics, Latin, Mathematics, Oriental Studies, Philosophy, Physical Education, Physics, Public Speaking, Political Science, Psychology, Religion, Sociology, Spanish, Zoology.

The following departments offer regular major work for the Master's degree: Biology, Chemistry, Economics, Education, English, French, History, Home Economics, Latin, Mathematics, Philosophy, Physical Education, Physics, Political Science, Psychology, Religion, Sociology, and Spanish.

THE DEGREE OF MASTER OF ARTS

The attainment of the degree of Master of Arts (A.M.) depends upon the completion of a well-rounded and carefully organized undergraduate and graduate course, at the end of which the candidate shall offer proof of high and sound intellectual attainment in his major subject, together with maturity of thought and some breadth of view. The master's degree will not be conferred until the candidate has completed, beyond this University's requirements for the bachelor's degree, twenty-four units of graduate work, inclusive of the thesis; but the mere satisfaction of any time or course-unit requirement, taken by itself, confers upon the candidate no right to the degree, his achievement of it depending mainly upon his natural abilities and his stage of scholarly advancement. Graduate courses taken at other institutions are recognized, so far as they conform to the standards of this University, subject to the conditions of study "in residence," as hereafter prescribed.

Each candidate for the degree of Master of Arts at the June Commencement must be registered in the Graduate School not later than the first Tuesday in October, and must pursue his course "in residence" for not less than one academic year. In this connection the term "in residence" is usually interpreted as meaning that the student is taking not less than four graduate units per semester, with the proviso that, as a rule, at least twelve of the total number of units credited toward the attainment of the degree must be pursued at this University. For "residence" a minimum of two summer sessions may be counted as equivalent to one semester.

The candidate who has not previously done graduate work in this University will begin his registration by applying for admission to the Graduate School by the method above indicated. He will then state the course of study which he wishes to pursue, which course must consist of a principal

or "major" subject closely related to the major subject of his undergraduate course, and one or two subordinate or "minor" subjects satisfactorily related to the major subject. At least one-half of all the work must be done in the major department. The details of his course will be determined upon consultation with the head of his major department; and no subjects or units lacking the approval of the departmental head will be credited toward the degree.

A part of the course will consist of the completion of a thesis, or dissertation, embodying the results of an investigation on some subject in the major department. It is not the intention of the Council that this shall be a piece of highly recondite research such as would befit candidacy for the degree of Doctor of Philosophy; but it must be a serious, considerable, and printable piece of work demonstrating the writer's power of original thought, his thorough grasp of the subject matter involved, and his ability to present his material in a scholarly manner and style. The title of this thesis must be presented for approval by the Council not later than six months before the month in which the degree is sought.

Not later than one month after the approval of his thesis title, the candidate shall present to a special committee a written report as to the scope, method of treatment, bibliography and proposed sources of information and special facilities in the University. This committee, consisting of the head of the department in which the thesis is to be written and two other members of the Faculty appointed by the Dean, will have general supervision of the thesis throughout the entire course of its preparation. The completed thesis, conforming in detail to the printed regulations furnished by the University, shall be submitted to the Council for final acceptance six weeks before the conferring of the degree, and only on the unanimous recommendation of the special committee. In the case of those who are candidates for the conferring of the degree in June the final date shall be approximately the last of April.

THE HIGH SCHOOL TEACHER'S CREDENTIAL

Candidates for the Recommendation for the California High School Teacher's Credential are also registered in the School of Education. For a full description of the requirements for this credential, see Education.

THE STUDENT'S SCHEDULE

Fourteen semester units of work for graduate credit constitute a full program for the graduate student. Those who are engaged in teaching, or in other regular activities, should

limit themselves to programs of correspondingly fewer hours of course work. The maximum for graduate work during a summer session is six credit units. It is ordinarily not advisable for candidates who have had no teaching experience to attempt to complete requirements for the master's degree and the high school teacher's credential in a single academic year.

STUDENT ASSISTANTSHIPS

Many departments require the services of competent graduate students as office or teaching assistants. The compensation for this work, varying according to amount and quality of service rendered, often makes it possible for deserving graduates to continue in the Graduate School as candidates for advanced degrees or the high school teacher's credential. Applications for student assistantships should be made to the department heads.

THE GRADUATE ATTITUDE

The graduate attitude is the psychological index of the development of the student into the scholar. The undergraduate student is chiefly acquisitive and receptive; the graduate steps out, first toward becoming a master of arts, and finally discoverer, creator, leader among students and masters.

The graduate student must become acquainted with the authorities in his domain and with their opinions and findings; through self-reliance and expanding powers of initiative he must show his right to a place among leaders. The set task, the student apparatus of the beginner, any mere schedule based upon the calendar, will not of themselves bring him to the desired position of independence as a master or scholar. The attitude of the graduate, which it is the function of the Graduate School to encourage and foster, is one of increasingly independent effort, whereby the candidate reinforces his claim, by worth and by labor, to the fuller recognition of the University and in the goodly company of scholars.

THE SCHOOL OF EDUCATION

In response to the increased demand for larger facilities for the training of teachers in Southern California, the Board of Trustees of the University of Southern California, at its June meeting, 1918, authorized the organization of the School of Education. The Department of Education was enlarged, and facilities for the training of teachers for special subjects in the public schools were added, so that the School of Education is now vested with authority by the State Board of Education to grant recommendations for the following Teachers' Certificates: (a) Elementary, (b) Intermediate or Junior High School, (c) High School, and (d) Special, including the Manual and Fine Arts, Technical Arts, Commerce, Home Economics, Music, Physical Culture, and Miscellaneous types.

ADMISSION

Graduates of junior colleges and students who have attained the rank of juniors in a College of Liberal Arts are admitted to the School of Education upon filling out and filing in the office of the Dean enrollment blanks calling for such information as is necessary for the determination of standing and supervision of the training which is to follow. The number of units granted toward graduation to students entering the University with advanced standing is determined by the Committee on Credentials, as is the case with all students admitted to the College of Liberal Arts, but the number of units toward the teaching-major and the teaching-minor and professional requirements is determined by a committee of the faculty of the School of Education.

Holders of the bachelor's degree from institutions on the list of accredited institutions of the State Board of Education not previously admitted to the School of Education may be admitted as candidates for the High School Teacher's Credential, provided, (a) They have been admitted to the Graduate School by the Graduate Council; (b) They have elected undergraduate majors and minors which make them eligible for the Teacher's Recommendations sought, and, (c) They possess the physical and personal qualifications necessary for a Teacher's Recommendation. The requirements for admission of holders of the bachelor's degree from institutions not on this accredited list, who have been admitted to the Graduate School, are determined by a committee of the faculty of the School of Education.

If a candidate wishes to take advantage of the exemptions from certain professional requirements on the basis of experi-

ence, as provided under the regulations of the State Board of Education, evidence of the number of months of successful experience must be filed in the office of the School of Education before his study program is submitted to the Dean for approval.

COMMITTEE ON APPOINTMENTS

An Appointment Office is maintained in the office of the School of Education, the duties of which are to assist students and graduates of the University to obtain positions in the teaching profession. The office is in charge of a secretary, who aims to secure and keep on file a complete record of the scholarship, experience and personal qualifications of each candidate for a position. Copies of these records will be mailed to school officials, at their request, or at the request of the candidates concerned. Officials seeking teachers should be explicit in their request, stating the nature of the work to be done, the length of the school year, the approximate salary offered, the approximate cost of board, and the time when the engagement begins. Whenever a notice of a vacancy is received, the Committee on Appointments will recommend the best available person for the position. The University reserves the right of refusing to extend its co-operation to students who apply for positions for which they are manifestly unfit.

The Appointment Office will be glad to be informed promptly of present or prospective vacancies in positions for which college-trained men or women are eligible.

Blanks for registration may be obtained of the Appointment Secretary. Registration must be renewed yearly, preferably during February or March. A nominal fee of two dollars is charged.

Communications should be addressed to the Appointment Secretary, University of Southern California, Los Angeles.

PRACTICE TEACHING FACILITIES

The School of Education has made arrangements with the Department of Education, City of Los Angeles, whereby student teaching in all the elementary subjects is carried on under the personal direction of the Principal of the 36th Street school and selected teachers who act as critic teachers under the general direction of the Principal and the School of Education.

The University High School, a standard high school of a limited number of students, is maintained in connection with the School of Education. It is located on the second floor of the center section of the University's old administration

building and is under the general supervision of Dr Robert A. Cummins, principal.

It offers courses in foreign languages, English, mathematics, history and other social sciences, natural sciences, household art and science, physical education, and music.

The curriculum of each student is directed by a series of requirements which distribute his work widely enough to insure a general education and at the same time call for concentration in two or three lines as an introduction to specialization.

The school tests the work of classes and individuals and devotes much of the time and energy of its staff to the organization of the materials of instruction and to the training of college students who are to enter the teaching profession. A number of successful textbooks have been prepared in the various departments, based on the courses which have been developed in the school.

Several of the members of the high school faculty give college courses in the methods of teaching their respective subjects.

Special circulars are published describing the courses in the high school. These may be had by addressing the Principal of the High School, University of Southern California.

RECOMMENDATIONS FOR TEACHERS' CREDENTIALS

High School Credential. Under the authority granted by the State Board of Education, the School of Education of the University of Southern California will issue a recommendation for the High School Teacher's Credential upon the fulfillment of the following requirements, subject to the exemptions stated below:

1. The possession of a bachelor's degree from an institution on the list of accredited institutions of the State Board of Education, or from an institution of equal standing, with two majors, or a major and a minor in subjects taught in the high schools of the state, or two minors in subjects taught in the high schools of the state and a major in Education.

2. One year (twenty-four units) of graduate work, which must include at least one full year course of advanced work in at least one subject in which recommendation is sought.

3. Twenty-one units in Education, including the following:

- (a) A course in school and classroom organization and technique, or equivalent work—a minimum of one unit. (Education 121.)

- (b) A course in Secondary Education.

- (c) A teacher's course in one of the subjects in which the candidate expects to be recommended, if such course be

given in the institution and be accepted or listed under the work in Education. (A maximum of two units for all such courses.)

(d) Practice teaching, four units. (Education 223.)

(e) Course in Citizenship and Education, a minimum of two units.

(f) Electives, six or seven units.

Graduates from California State normal schools and other state normal schools of equal standing are required to complete only twelve units of graduate work and are exempt from 3a, 3d, and 3f. Candidates who have had eight months of successful experience are exempt from 3d. Graduates with seventeen months or more of successful experience are exempt from one-half of 2 and all of 3; but all candidates, regardless of previous training and experience, are required to take, as a part of their graduate work, at least one course in Education and one course in one of the subjects in which they are seeking recommendation.

Junior High School Credential. The recommendation for the Junior High School Credential will be issued upon the completion of the following requirements:

The possession of a bachelor's degree, the work for which includes fifteen or more units in Education, distributed as follows:

(a) A course in school and classroom organization and technique, or equivalent work—a minimum of one unit.

(b) A course in actual practice teaching, with conferences—a minimum of four units.

(c) A teacher's course in one of the subjects in which the candidate expects to be recommended, if such course be given in the institution and be accepted or listed under the work in Education. (A maximum of two units for all such courses.)

(d) A course in secondary education presenting particularly the purpose and field of junior high school work—a maximum of two units. (Education 153.)

(e) Course in Citizenship and Education, a minimum of two units.

(f) Electives, four units.

Experienced teachers with seventeen or more months of experience may secure a Junior High School Credential by direct application to the State Board of Education, provided:

(a) They have had three and one-half years of normal school, college, or university work, or have had not less than three years of college work and in addition thereto extensive travel and experience in foreign lands or officers' training or other sufficient war experience or conspicuously success-

ful experience as a school or other administrator that may be accepted in lieu of one-half year of such college training.

(b) They have had a sufficient number of units of work in Education in institutions of collegiate grade which when considered in conjunction with their teaching experience may be considered a full equivalent of fifteen units of Education taken in such institutions.

Elementary Certificate. The recommendation for the Elementary Certificate will be granted upon fulfillment of the following requirements:

1. The possession of the bachelor's degree from this University.

2. The completion of at least twelve units in the Department of Education, which must include the following:

(a) Elementary Education, two units. (Education 101.)

(b) Practice Teaching, four units. (Education 123.)

(c) Additional courses in Elementary Education, six units.

Teachers with eight months or more of experience are exempt from 2.

Credentials in Special Subjects. The recommendation for Elementary Special Certificates will be issued upon the fulfillment of the following requirements:

1. The completion of at least three years of college work, one-half of which has been given to instruction devoted to study or work in the special subject or subjects in which the candidate wishes recommendation, and in such subjects as are strictly supplementary thereto.

2. The completion of twelve units in Education, at least one-third of which shall be devoted to practice teaching, including methods of instruction in the special subject or subjects in which the candidate wishes recommendation.

(Teachers with one year of successful experience may be exempt from one-half of the prescribed professional requirement, including practice teaching. Teachers with two or more years of successful experience may be exempt from the entire professional requirement.)

Recommendations for Secondary Special Certificate will be issued upon the fulfillment of the following requirements:

1. The completion of four years of college work, one-half of which has been given to instruction devoted to study or work in the special subject or subjects in which the candidate wishes recommendation, and in such subjects as are strictly supplementary thereto.

2. The completion of twelve units in Education, including a special teacher's course and practice teaching in the subject in which the candidate wishes recommendation.

(Teachers with one year of successful experience may be exempt from one-half of the prescribed professional requirement, including practice teaching. Teachers with two or more years of successful experience may be exempt from the entire professional requirement.)

REGISTRATION

Each undergraduate student enrolled in the School of Education makes out his study-program with, and is under the supervision of, the head of the department of his major subject, but will confer with the Dean of the School of Education regarding professional work. Candidates for elementary and special certificates should plan their work for the junior and senior years at the beginning of the junior year and should distribute the professional training and other requirements about equally over the two years. Candidates for the High School Teachers' Recommendations should distribute the work taken in the Department of Education about equally over the junior, senior, and graduate years. The Departmental Teachers' Courses and Practice Teaching should be taken during the graduate year.

Graduate students, after admission to the School of Education, will arrange their study-programs in conference with their major professors and submit them to the Dean of the School of Education for approval before registration. Twelve units each semester constitutes regular work for the graduate year. Students will, if conditions warrant, be permitted to register for as many as fourteen units each semester. One half of the work of the graduate year must be selected from upper division and graduate courses in subjects taught in the high schools of the state, and one-half in Education. Teachers who have had seventeen or more months of successful experience and are exempt from the half year of graduate work required for the High School Teachers' Recommendation should distribute their work as follows: six units in one of the subjects in which they seek recommendation for a High School Teachers' Credential, three or four units in a second subject in which they desire recommendation, and two or three units in Education.

For description of courses see "Education."

DEPARTMENTS OF INSTRUCTION

Lower Division courses are given numbers from 1 to 99; Upper Division courses, 100 to 199; Graduate courses, 200 to 299. Ordinarily students should elect only courses in the divisions in which they are enrolled.

Courses, the numbers of which are followed by ab (e. f. 100ab), and marked "throughout the year," are continuous courses and cannot be commenced in the second semester.

The University reserves the right to withdraw any course for which the enrollment is not sufficient to warrant the organization of a class.

AGRICULTURE

The subjects which are preparatory to a course in practical agriculture are taught in the following departments: Botany, courses 1ab, 1abL, 2L, 3abL, 101L, 104L, 105L; Chemistry, courses 2, 2L, 110L; General Biology, course 110L; Geology, courses 2, 104; Zoology, courses 105L, 108L, 109L.

FINE ARTS

Professor Weatherhead; Assistant Professors Cook, Lowd, Rich;
Instructor Robinson

LOWER DIVISION COURSES

3ab. Still Life. A course in freehand drawing. Still life rendered in various mediums, with special emphasis on underlying principles, composition, and values. Students are advanced as rapidly as is warranted by their work.

Two units; throughout the year. Robinson

18. Perspective. The principles of linear perspective and the perspective of shadows. Lectures followed by class problems. *Prerequisite:* Art 3ab or its equivalent.

Two units; first semester. Weatherhead

20ab. Design. Basic principles of design studied through a progressive series of problems, largely abstract, in line, dark and light, and color. Various mediums are used. Library work is required.

Three units; throughout the year. Lowd

23ab. General Design. Principles of design and color, in the abstract and in concrete problems; as a basis for a greater appreciation, and also as a prerequisite for courses in allied departments where the time is limited. No prerequisites.

Two units; throughout the year. Lowd

27ab. Poster Design. A course in lettering and design applied to commercial advertising and poster making.

Two units; throughout the year.

Robinson

38ab. Art History. A brief general course tracing the development of art through the most important periods.

Two units; throughout the year.

Cook

UPPER DIVISION COURSES

104ab. Still Life. A continuation of Art 3 with more advanced subjects and mediums. Landscape composition.

Three units; throughout the year.

Robinson

121ab. Design. A continuation of Art 20ab with more concrete problems as the work advances.

Three units; throughout the year.

Lowd

125ab.—Art of the Home. Design principles applied to home furnishing—rugs, draperies, furniture, etc.—and to dress design.

Two units; throughout the year.

130ab. Applied Design and Crafts. The principles of design as applied to and rendered in the various crafts. Block printing, stenciling, batik, pottery, leather work, and basketry. *Prerequisite:* Art 20ab or its equivalent.

Two units; throughout the year.

Robinson

139ab. Art of the Renaissance. A study of the art of the Renaissance followed by study of the various forms which have contributed to the development of modern art. *Prerequisite:* Art 38ab.

Two units; throughout the year.

Cook

146ab. Art Appreciation. A non-technical course of illustrated lectures and gallery tours to acquaint the student with the fundamental principles, historical and modern, governing the various forms of art. The history of the development of art and architecture is studied. One Saturday afternoon each month is devoted to visits to study architecture and to local studios. Local and visiting artists address the class. Exhibits in Exposition Park Art Gallery are visited for study of painting and sculpture.

Two units; throughout the year.

Cook

150ab. Life. An advanced course in drawing and painting from the model in various mediums. Especially adapted to those who expect to make art a profession. *Prerequisite:* Art 3 or its equivalent and the approval of the Department.

Three units; throughout the year.

Rich

199. Teachers' Course. A course in methods for teachers or supervisors in the grades and high schools. Schools visited and the course illustrated practically throughout. Two units; first semester. Lowd

BIOLOGY

Professors Ulrey, Life, Rittenhouse; Associate Professor Twiss; Assistant Professors Beers, Fossler, Spalding; Instructor Greeley; Lecturer Wyman

Courses for those who do not major in Biology but desire some knowledge of living nature and some training in scientific methods: Zoology lab, labL, 108L; General Biology 103 and 104; or Botany lab, labL, and 2L. Courses preparing for agriculture: Zoology lab, labL, 2L, 105L, 109L; Botany, lab, labL, 3L, 105, 107; and General Biology 1, 2, 101L, 102L, 103 and 104.

Zoology

LOWER DIVISION COURSES

lab. General Zoology. This course of lectures is designed to introduce the student to the fundamental principles of animal biology. To be accompanied by labL. Two units; throughout the year. Rittenhouse

labL. Laboratory study of animals representing the elementary facts of structure, physiology, classification and ecology. The course gives emphasis to training in observation and in the interpretation of zoological phenomena. Four sections at different periods. To be accompanied by Zoology lab. Two units; throughout the year. Beers, Fossler and Assts.

2L. Physiology. Lectures and laboratory work on (a) the general functions of all living organisms; (b) human physiology. *Prerequisite:* Zoology lab, labL, or Botany lab, labL. Three units; first semester. Ulrey, Fossler

3L.—Ornithology. A study of California birds with reference to (a) taxonomy and bibliography; (b) ecology, giving particular attention to the bird in its usual environments. Laboratory study, field work, lectures. Two units; first semester. Beers

4L.—Mammalian Anatomy. The course consists of a careful dissection and study of type mammals, especially the rabbit, cat and dog; with collateral reading in human anatomy. In the lectures special attention is given to the nervous, blood and skeletal systems, including an outline of their development. *Prerequisite:* Zoology lab, labL. Three units; first semester. Rittenhouse and Assistant

UPPER DIVISION COURSES

103. Animal Ecology. A study of the conditions of life in the sea, the environment and distribution of marine animals, and their reaction to stimuli under natural and artificial conditions.

Two units; summer session.

Beers

104L. Histology. This course gives the student an opportunity to study the chief tissues of the mammalian body; and to learn the method of preparation of tissues, with practice in cutting, staining and permanently mounting sections. Laboratory work and lectures. *Prerequisite:* Zoology lab, labL. Three units; first semester.

Rittenhouse and Assistant

105L. Embryology. A course which deals primarily with the study of the development of the hen's egg and the formation of the organs in the embryo chick. In the laboratory the student learns to make his own serial sections. The lectures include the general problems of comparative embryology, with special attention to the chick and the frog. *Prerequisite:* Zoology lab and 104L.

Three units; second semester.

Rittenhouse and Assistant

106L. Comparative Anatomy of Vertebrates. The laboratory work consists of dissection of the main types of the vertebrate animals, and a study of the relationships of the different systems of organs. The lectures deal with a comparative study of the organs of the vertebrate body, especially from the standpoint of development. *Prerequisite:* Zoology lab, labL.

Three units; first semester.

Rittenhouse and Assistant

108L. Economic Entomology. A study of orchard, field crop and garden insect pests, the forest insects and household visitors. Consideration is given the control and eradication of insect depredations, the composition and application of insecticides, and farm management to eliminate injurious insects. Lectures and laboratory work. *Prerequisite:* Zoology lab, labL, or an equivalent amount of Botany together with the insect aspects of Zoology lab, labL.

Three units; second semester.

Rittenhouse

109L. Parasitology. The organization, life history, and evolution of parasites; the protozoa and their relation to disease; the role of insects, ticks, and mites in the transmission and propagation of disease; together with their control as a phase in medical entomology; and a study of helminthes and larger parasites. Lectures and laboratory work. *Prerequisite:* Zoology lab, labL (or equivalent in Botany) and General Biology 101L.

Three units; first semester.

Rittenhouse

210abL. Special Zoology. An investigation of some problem of limited scope. The course is planned for the needs of each student. Six hours per week throughout the year. *Prerequisite:* Zoology lab, labL, 2L, 104L, 105L, or their equivalent.

Three units; throughout the year.

Ulrey, Rittenhouse

212. Research. Investigation of some problem relating to pure or applied biology may be pursued by candidates for the degree of Master of Arts.

The Staff

Major Work in Zoology. lab, labL, 2L, 105L, 106L; General Biology courses 101L, 103 or 104, 206ab and six units of electives.

Minor Work in Zoology. Zoology lab, labL, and General Biology 101L, 103ab.

High School Teachers' Recommendation in Zoology. An undergraduate major followed by a full year course in Zoology approved by the head of the department and General Biology 299 if not taken in undergraduate study.

General Biology

LOWER DIVISION COURSES

1. Personal Hygiene. Lectures and recitations on the preservation and improvement of health. The course deals with the functions and care of the body with a view to attaining the greatest possible degree of efficiency. Open to all students.

Two units; first semester.

Ulrey

2. Sanitary Science. A course of lectures on public hygiene. The study includes (1) the nature of infectious diseases, their dissemination and control; (2) the problems of water supply and sewage; (3) the distribution and care of foods in relation to the public health; (4) sanitary surveys of residences, resorts, and public buildings; (5) the various agencies for the federal, state and municipal supervision of public health.

Two units; second semester.

Ulrey

3L. Principles of Biology. Lectures and laboratory. Elective for students who have had no Zoology or Botany.

Three units; second semester.

Beers

4L. General Biology. A course intended primarily for majors in Commerce, Physical Education, Home Economics and Chemistry. It consists of lectures and laboratory study

of living organisms, nutrition, growth, reproduction, etc., illustrated mainly by examples taken from the great groups of plants. Emphasis is laid upon the cell as the unit of structure in plants and animals and upon the fundamental facts on which heredity depends.

Five hours; first semester.

Twiss and Assistant

UPPER DIVISION COURSES

100. History of Biology. This course traces the development of biology and brings out the chief contributions made to the science by the great naturalists from Aristotle to the present time. Lectures, collateral reading and papers. *Prerequisite:* Zoology lab, labL. Not given 1922-23.

Two units; second semester.

Rittenhouse

101L. General Bacteriology. Lectures on the principles of bacteriology with emphasis on the economic phases of the subject. Laboratory work coordinated with the lectures. *Prerequisite:* Botany lab, labL, or Zoology lab, labL or other laboratory training.

Four units; second semester.

Ulrey, Fossler

102L. Economic Bacteriology. A laboratory course dealing primarily with bacteriological investigation of problems of sanitation and public health. *Prerequisites:* General Biology 101L.

Three units; second semester.

Fossler

103. Bionomics. A course of lectures on organic evolution, the principles of development and sex. Two hours per week of laboratory work may be elected. *Prerequisite:* One year of a biological science.

Two units, with laboratory three units; first semester.

Ulrey, Beers

104.—Genetics. A study of the principles of genetics and race improvement. Two hours per week should be devoted to laboratory study in addition to the two hours of lectures. *Prerequisite:* One year of a biological science.

Two units, with laboratory three units; second semester.

Ulrey, Beers

206ab. Seminar. The advanced students of the department select some biological problem for investigation. The work is pursued with the member of the staff in whose field the investigation lies.

Two units; throughout the year.

The Staff

299. Teachers' Course. A study of the teaching of the biological sciences in the secondary schools.

Two units; first semester.

At the Marine Station

207. Biological Survey. A study of the marine animals and plants of the region, including their habitat, classification, distribution and life habits.

Ulrey, Rittenhouse

208L. Experimental Biology. The course consists of a study of some special problem of biology for which the student's training prepares him.

Ulrey, Rittenhouse

209. Research. A limited number of private laboratories are available for free use by investigators who are prepared to carry on such work. Investigation may be carried on throughout the year. Application for these privileges should be made to the director of the station.

The Staff

Summer Course. The course consists of a study of Marine Biology in connection with the exploration carried on by the use of the station launch, the Anton Dohrn. The work is given at the laboratories of the Marine Biological Station. Formal instruction is given only during the regular summer session of the University. See Summer Session Bulletin.

Botany

LOWER DIVISION COURSES

1ab. General Botany. Lectures, recitations, quizzes on the general structure, classification, vital processes, distribution, and agricultural phases of plants. The seed plants are studied first semester, and the great plant groups the second semester. To be accompanied by course 1abL.

Two units; throughout the year.

Twiss and Life

1abL. General Botany. Laboratory study of the structure, forms and general characteristics of typical plants, including a comparative study of flowers of a number of common plant families, and a general study of organs and tissue systems, with notes and drawings. To be accompanied by Botany lab. Two units; throughout the year.

Twiss, Life, Spalding, and Assistants

2L. Field Botany and Taxonomy. A study of flowering plants (spermatophytes) in the local flora. The course deals with habitats, pollination, and the relationship of plants. Lecture and six laboratory hours per week, one semester.

Three units; first semester, repeated second semester. Life

3L. Ecology. The relation of plants to their environment of soil, water, physiography, etc., and their structural adapta-

tions. Lectures, field and laboratory work. *Prerequisite:* Botany lab.

Two units; first semester.

Life

UPPER DIVISION COURSES

101L. Plant Physiology. Experimental work on the physiology of plants, lectures and supplementary reading. This course includes general experiments on the work and functions carried on by living plants. *Prerequisite:* Botany lab and Botany labL.

Three units; first semester.

Life

102L. Plant Processes. An experimental study of plant growth and irritability, and exact experiments on the fundamental processes with precise recording apparatus. *Prerequisite:* Botany 101L.

Three units; second semester.

Life

103abL. Mycology. The structure, life history, and principles of classification of the fungi, with special attention to those causing disease of economic plants. Lectures, laboratory work and assigned readings. *Prerequisites:* Botany lab and Botany labL.

Three units; throughout the year.

Spalding

105. Plant Breeding and Genetics. A study of the principles of plant propagation and pure line breeding; also problems of variation and heredity in relation to phylogeny and the improvement of plants. Lectures, quizzes, and field work. *Prerequisite:* Botany lab and labL.

Two units; second semester.

Life

107L. Plant Anatomy and Histology. The minute structure of the systems and tissues. Microscopical technique in preparing permanent mounts. Laboratory work and lectures. *Prerequisite:* Botany lab.

Two units; first semester, repeated second semester.

Twiss

207ab. Cytology. A course dealing with the morphology and physiology of the cell, together with the various theories of protoplasmic structure. Special attention is given to cell inclusions, such as plastids, mitochondria, etc., as well as to the various aspects of mitosis, spermatogenesis and oögenesis.

Three units; throughout the year.

Twiss

208. Morphology of the Algae. A presentation of type forms, taken from the great groups of algae, both fresh water and marine, with special reference to their evolutionary sequence.

Three units; second semester.

Twiss

209. Advanced Botany. Special problems in advanced study of plants for which the student is fitted by previous training.

Three units; first semester, repeated second semester.

Life or Twiss

210ab. Botanical Seminar.

One unit; throughout the year.

Life

Major Work in Botany. Thirty semester units in Botany, including Botany 1ab-103abL, and 210ab.

Minor Work in Botany. Botany 1ab-101abL.

High School Teachers' Recommendation. (a) For inexperienced candidates with Botany as a teaching major; an undergraduate Botany major followed by a minimum of a year course approved by the head of the department, to which will be added Course 106, if not taken in undergraduate work. (b) For candidates with two or more years of experience: an undergraduate major in Botany followed by a one semester course approved by the head of the department.

CHEMISTRY

Professors Stabler, Weatherby; Assistant Professors Smith, Calvert

Students without entrance credit in Chemistry should register in courses 1a and 1aL; those with entrance credit should register in 2 and 2L. Courses 2, 2L, 3 and 3L are prerequisite to all later courses in chemistry and comprise the required work in the engineering courses.

LOWER DIVISION COURSES

1a. General Inorganic Chemistry. A lecture and recitation course, covering the introductory principles of inorganic chemistry. Open only to students who do not present entrance credits in chemistry. To be accompanied by course 1aL.

Three units; first semester.

Smith

1aL. General Inorganic Chemistry. A laboratory course to accompany course 1a. Two laboratory periods a week.

Two units; first semester.

Smith

1b. Elementary Organic Chemistry. A brief course introducing the fundamentals of organic chemistry with especial emphasis on the compounds more common to daily experience. A general course for the non-technical student, as well as for students in the related sciences. It is advised that students desiring this course who have had entrance

chemistry, register the first semester in courses 2 and 2L. To be accompanied by course 1bL.

Three units; second semester.

Weatherby

1bL. Elementary Organic Chemistry. A laboratory course accompanying and supplementing the work of course 1b. Two laboratory periods a week.

Two units; second semester.

Smith

2. Inorganic Chemistry. Non-metals. Lectures and recitations with classroom demonstrations. Especial emphasis is placed on the principles and laws of inorganic chemistry, and their applications. To be accompanied by course 2L.

Three units; first semester.

Weatherby

2L. Inorganic Chemistry Laboratory. A laboratory course to accompany course 2. Especial emphasis is laid on quantitative relations and the development of chemical laws. The latter part of the course is introductory to qualitative analysis. Two laboratory periods a week.

Two units; first semester.

Smith

3. Inorganic Chemistry. Metals. Lectures and recitations on the metals and metalloids, and their chief compounds, with especial reference to their technical value and commercial use. To be accompanied by course 3L.

Three units; second semester.

Smith

3L. Qualitative Analysis. A laboratory course in systematic qualitative analysis, including the identification of both metal and non-metal radicals, and the analysis of simple and complex salts, mixtures, metals, alloys, and commercial products. Two laboratory periods a week.

Two units; second semester.

Smith

4abL. Quantitative Analysis. Laboratory practice in gravimetric and in volumetric determinations, with lectures and recitations on principles and methods. Prerequisite to all subsequent analytical courses. Three laboratory periods a week.

Three units; throughout the year.

Calvert

UPPER DIVISION AND GRADUATE COURSES

105L. Advanced Qualitative Analysis. A laboratory course involving difficult qualitative separations, and analysis in the detection and estimation of some of the more important rarer metals.

Two units; first semester.

Smith

106L. Inorganic Preparations. A laboratory course in the preparation of inorganic compounds with emphasis on purity and yield; discussions on theory and methods.
Two units; second semester. Smith

107abL. Organic Preparations. A laboratory course in the preparation of typical compounds in both the aliphatic and aromatic series; to accompany course 107ab.
Two units; throughout the year. Weatherby

107cL. Organic Preparations—Advanced. A laboratory course in advanced organic synthesis, with supplementary reading and discussions on theory and methods.
Two units; first semester. Weatherby

109ab. Physical Chemistry. A lecture course on the fundamental principles and laws of chemistry. A general study of electro-chemistry is included in the work of the second semester.
Two units; throughout the year. Weatherby

109abL. Physical Chemical Measurements. A laboratory course in the determination of physical and chemical laws and constants; to accompany course 109ab.
One unit; throughout the year. Weatherby

110L. Agricultural Analysis. A classroom and laboratory study of soils, fertilizers, water, cattle feed, and similar substances. *Prerequisite:* quantitative analysis. One lecture and two laboratory periods each week.
Three units; first semester. Calvert

111L. Medical and Pharmaceutical Analysis. A laboratory course, including urine analysis, toxicology, and assay of pharmaceutical products. Designed especially for students looking forward to medicine or pharmacy.
Two units; (not given 1922-23).

112L. Food Analysis. Classroom and laboratory study of food products, beverages, adulterants, and preservatives. *Prerequisite:* quantitative analysis. One lecture and two laboratory periods each week.
Three units; second semester. Calvert

113. Industrial Chemistry. A study of the commoner chemical industries, especially those of local importance; visits to industrial plants. *Prerequisite:* organic chemistry.
Two units; second semester. Stabler

114. Metallurgy. (Not given 1922-23.)

114L. Assaying. Fire assay for gold, silver and other metals, and volumetric analysis of ores and metallurgical products.

Three units; second semester.

Stabler

115. Petroleum Technology. A lecture course on the handling and refining of petroleum; especial emphasis on the newer developments in petroleum pyrolysis and in the treating of petroleum products.

Two units; first semester.

Stabler

115L. Oil, Gas and Fuel. A laboratory course in the technical methods of oil, gas, and fuel analysis. Practice in the refining and treating of petroleum.

Three units; first semester.

Stabler

116ab. Chemical Technology. A study of processes and plant operation in the more important chemical industries; especial emphasis on the application of fundamental chemical principles in industrial chemical work. *Prerequisite:* organic chemistry, physical chemistry preceding or concordant.

Two units; throughout the year.

Calvert

116abL. Industrial Problems. A laboratory course in the working of problems in industrial chemistry and chemical engineering.

Two or three units; either or both semesters. Stabler, Calvert

225ab. Seminar. Reviews of current chemical literature; papers and discussions on research problems. Open for credit to seniors and graduate students only. Required of all graduate students.

One unit; throughout the year.

Calvert

226L. Research. Research work, under the direction of the department, may be pursued by candidates for the degree of Master of Arts, in either pure or applied Chemistry. Minimum; four units.

Stabler, Weatherby, Calvert

228. History of Chemistry. A study of the rise and development of chemical theories and laws.

Two units; second semester.

Weatherby

299 Teachers' Course. A study of the teaching of chemistry in secondary schools.

One unit; second semester.

Major Work: Minimum requirement, thirty semester units following entrance chemistry or courses 1a and 1aL. Required courses: 2, 2L, 3, 3L, 4abL, 107, 107L.

Minor Work: Fifteen semester units. Courses 1a, 1aL, 1b, 1bL, 2, 2L; or courses 2, 2L, 3, 3L, and either 1b, 1bL, or 4abL.

High School Teachers' Recommendation. Inorganic Chemistry, Qualitative Analysis, Quantitative Analysis, Organic Chemistry, Physical Chemistry, Seminar, Teacher's Course, and History of Chemistry.

Master's Degree: The completion of an undergraduate major in Chemistry, one-half of the work of the graduate year must be in Chemistry; the remainder may be of approved courses in related departments. Required courses, part of which may have been taken as undergraduate electives, are 109ab, 109abL, 225ab, 226L, and 228.

COMPARATIVE LITERATURE

Professor Dixon

101. Scottish Vernacular Literature. A study of the literature and idioms of the Scottish language in the four centuries after Chaucer. Special attention will be paid to the influence of French forms and usages. Also to vernacular passages in the historical novels of Scott.

Two units; first semester.

Dixon

102. Tennyson. The poet as lyricist and interpreter of his age, and Platonist, with especial attention to his "In Memoriam."

Two units; second semester.

Dixon

103. English and French Criticism in the Nineteenth Century. Mathew Arnold's critical methods as influenced by Sainte Beuve and other French writers.

Two units; first semester.

Dixon

104. English and French Aesthetical Canons in Nineteenth Century Literature. A comparative study of the writings of Ruskin and Guyau.

Two units; second semester.

Dixon

109. Philippine Literature in Its Relation to European Literature. Especial attention will be given to Rizal's masterpiece, *Noli Me Tangere* (The Social Cancer), a novel of an epoch-making kind, and his *El Filibusterismo* (The Reign of Greed).

Two units; second semester.

Dixon

110 Persian Literature and Persian Themes in English Literature. The "Rubaiyat" of Omar Khayyam and the personalities of Omar and his translator, Edward Fitzgerald;

Firdausi's "Shah-Nameh"; Arnold's "Sohrab and Rustum."

Two units; first semester.

Dixon

120. Verse. A comparative study of verse. Relation of poetical forms to music; possibilities of a common notation. Psalm, the Hymn, the Song, the Ballad and other communal forms of poetry. Parallelism in Hebrew poetry; its laws. The introduction of rhyme into the higher forms of verse in the literature, of East and West. The metrical stanza and the significance of its various types.

Two units; second semester.

Dixon

180. Burns and the Scottish Vernacular. A study of Scottish lyric verse. Particular attention will be paid to the literary and social elements in Burns' poetry.

Two units; second semester.

Dixon

DRAWING

Professor Weatherhead

1ab. Mechanical Drawing. Use and care of instruments, lettering, geometrical problems, projections, intersection and development of surfaces and working drawings. Three hours first semester and six hours second semester.

One unit, first semester; two units, second semester.

Weatherhead

2ab. Mechanical Drawing. Use and care of instruments, lettering, geometrical problems, projections and simple working drawings. Arranged to meet the needs of general students.

Two units; throughout the year.

Weatherhead

3ab. Architectural Drawing. The principles governing the making of architectural working drawings and detail drawings. Building materials are discussed and excursions to buildings under construction are made.

Two units; throughout the year.

Weatherhead

4. Engineering Drawing. Lettering, title building, topographical mapping and preparing detailed working drawings of steel and concrete construction. Six hours. *Prerequisite:* Drawing lab.

Two units; first semester.

Weatherhead

5. Machine Drawing. Sketching of machine details, preparation of scaled shop drawings, lettering, tracing and blue printing. Six hours. *Prerequisite:* Drawing lab.

Two units; first semester.

Weatherhead

6. Descriptive Geometry. A study of the problems relating to the point, line, and plane, and their application.

Two units; first semester.

Weatherhead

7. Kinematic Drawing. Mechanism, velocity and acceleration, diagrams, cams and linkages. Three hours. *Prerequisite:* Drawing 5.

One unit; second semester.

Weatherhead

8. Shades and Shadows. Brief and accurate methods for determining the shadows of geometrical lines, plane figures, and solids, and their application to the casting of conventional shades and shadows on the principal architectural members. *Prerequisite:* Drawing 6.

One unit; second semester

Weatherhead

9. Perspective. The theory and application of methods of drawing architectural perspectives. The perspective of shadows and reflections. *Prerequisite:* Drawing 6.

Two units; second semester.

Weatherhead

199. Teachers' Course. A study of the subject matter, text books, and methods of presenting a high school mechanical drawing course. Students in this course are required to audit in other drawing classes from time to time.

Two units; first semester.

Weatherhead

ECONOMICS

Professors Hunt, Marston, Eberle; Associate Professors Carus, Power; Assistant Professors Baskerville, E. E. Olson, Stonier; Instructors Burr, R. L. Olson, Phillips, Fagan; Lecturers McKee, Perry, Wayne, Rogers, Whitnall

LOWER DIVISION COURSES

1ab. Principles of Economics. A comprehensive introduction to economic studies, based upon a recent text, lectures, assigned readings, and student exercises. This course is in general prerequisite to all other courses in Economics.

Three units; throughout the year.

Hunt and Assistants

2. Money, Credit, and Banking. The origin and evolution of money, with special attention to the problems of metallic and paper money, and to leading systems and newer problems of banking.

Three units; first semester.

Marston and Assistants

3. Public Finance. A study of budgetary science, the principles and practice of taxation, public expenditures, and financial administration. Attention is given to problems of war finance.

Three units; second semester.

Marston and Assistants

4. Fiscal and Industrial History of America. A comprehensive survey of American economic development and of

national legislation in the fields of currency, finance, and the tariff.

Two units; first semester.

Phillips, Power, Fagan

5. Economic Geography. History and present status of industry and commerce in the world; the world market and national policies in the development of resources, especially in the United States.

Two units; second semester.

Carus, Phillips, Power

14ab. Accounting: Theory and Principles. Relation of the science and art of accounting to the economics of modern business. Interpretation of the balance sheet, with special applications in bank accounting, trust accounting, insurance accounting, etc.

Three units; throughout the year. Baskerville and Assistants

UPPER DIVISION COURSES

100. Principles of Economics. A study of general principles underlying economic activity for upper division students who have not had Economics lab.

Three units; first semester.

Carus

102. Labor Problems. The important labor problems of the day, with special reference to American conditions following the great war.

Two units; second semester.

Marston

104. Corporation Finance. Promotion; underwriting; earnings; expenses; surplus; insolvency; receivership; reorganization; and state regulation, short time loans, corporate bonds.

Three units; first semester.

E. Olson

105. Railway Transportation. Theory and history. Development of the railroad, its organization, management, and consolidation.

Two units; first semester.

Marston

106. Ocean Transportation. The system, service, relation to the public, government aid and regulation.

Two units; second semester.

Carus

107. Business Organization. Advantages and disadvantages of various methods of organization, internal management, differentiation of the duties of various departments, with special attention to the corporation.

Three units; first semester.

Marston, Power

108. Socialism. The underlying causes of the modern socialistic movement, study of various schools; a critical estimate of socialism as a philosophy of economic evolution

and as a program of social reform. (Not given in 1922-23.)
Two units; first semester. Hunt

109. Life Insurance. A comprehensive lecture course on the theory and practice of life insurance; special attention to the concrete problems.
One unit; first semester. Wayne

110. Fire and Property Insurance. The theory and practice of fire and property insurance with particular attention to concrete policies, policy conditions, inspecting, rating, adjustment of losses, brokerage.
One unit; first semester. Perry

111. Agricultural Economics. History and problems of rural economics, followed by a study of agricultural commerce.
Two units; first semester. Fagan

112. Conservation of National Resources. The economics of conservation as applied to the great natural resources. Human conservation and the foundations of national prosperity. (Not given in 1922-23.)
Two units; second semester. Hunt

115. Marketing and Distribution. The aim of this course is to give a comprehensive survey of the field of market distribution of commodities. The position and functions of the various classes of middlemen, including types of retailers, wholesalers, brokers, commission men and manufacturers' agents, are studied.
Two units; second semester. Stonier

117. Salesmanship. The underlying principles and psychology of salesmanship. A part of the course is given over to a discussion and lectures on the practical application of the principles and theory of salesmanship.
Two units; first semester. Stonier

120. World Trade. The study of foreign trade as a factor in national development; volume, character and direction of international trade; land and sea rates; commercial rivalries and the future of the United States as a commercial nation.
Three units; first semester. Carus

122. Commercial Banking. A study of actual banking problems and operations; the Federal Reserve System; foreign banking; branch banking; etc.
One unit; second semester. McKee

130. Statistics, Statistical Theory and Method. The principles of statistical methods by lecture and laboratory method and how they apply in the economic and business world;

planning an investigation; approximation and accuracy, frequency tables; types and averages; dispersion and skewness; historical data and methods of comparison; correlation, etc. Three units; first semester. Eberle

140. Investments. Channels and various forms of investments; various classes of stocks and bonds and an analysis of current security flotations; the stock exchange, amortization; computing net earnings; the current financial situation and trend.

Two units; second semester. Stonier

GRADUATE COURSES

200ab. Seminar. Designed to meet the needs of graduate students of the department. Major reports are based upon original investigation; reviewing of recent books and periodical literature; topics of contemporaneous interest.

Two units; throughout the year. Hunt

201ab. History of Economic Thought. Development from classical antiquity with discussions of the different schools of economics. Extensive readings, with student reports. (Not given in 1922-23.)

Two units; throughout the year. Hunt

202ab. Recent Economic Theory. A comparative study of the theories of contemporaneous economists and the tendencies of the present day. Special reference to the problems of value and distribution.

Two units; throughout the year. Hunt

Major Work in Economics: Thirty semester units.

Note: With the approval of the head of the department the student may select other courses listed under the College of Commerce and Business Administration, which will be credited toward a major in Economics.

Minor Work in Economics: Twelve units, including Economics lab, at least six of which must be in upper division courses.

High School Teachers' Recommendation: An undergraduate major including Economics lab, Principles; 2, Money and Banking; 3, Public Finance; 102, Labor Problems, or 115, Marketing and Distribution; 104, Corporation Finance, and 105, Railway Transportation, or 106 and 107, Ocean Transportation and Business Organization; and a full year course elected from Economics; 200, Seminar; 201, History of Economic Thought, or 202, Recent Economic Theory.

EDUCATION

Professors Rogers, Betts; Associate Professors Lunt, Stormzand, Touton;
Assistant Professor Cummins

Students electing work in the Department of Education as a part of a general culture course should choose from courses 102, 103, 141, 201 and 202. Psychology 107 and 206 may be credited toward a major in Education (but not toward the minimum requirements for a teacher's recommendation).

Psychology, three units, is a prerequisite to all courses in Education. Education 101, 102 or 103 (or equivalent work) is a prerequisite to all other courses in this department.

For information on School of Education and Teacher's Credentials see page 59.

UPPER DIVISION COURSES

101. Principles of Elementary Education. An introductory study of educational principles underlying the work of the elementary schools. Required of all candidates for the Elementary Teacher's Certificate.

Three units; first semester.

Stormzand

102. Fundamentals in Education. A course of readings and discussions intended as an introduction to the general problems of education, and a survey of the principal fields, with emphasis on the scientific approach and method of dealing with these problems.

Three units; second semester.

Rogers

103. Public Education in America. A study of the evolution of educational principles, organizations, curricula, and methods which constitute the foundation of present-day educational theory and practice in America.

Three units; first semester.

Touton

104. History of Elementary Education. A brief resume will be made of the general history of elementary education prior to the work of Horace Mann, and from that time on a more detailed study of the developments of the elementary school work, as a movement, in the United States.

Two units; second semester.

Stormzand

115. The California School System. A careful study of the California state system of education. The California school code is carefully examined; a comparison with the "School Code of Osceola" and educational organization in other leading states is made.

Two units; first semester.

Touton

116ab. Educational Administration. An introductory presentation of the fundamental problems connected with the work of the superintendent and other administrative officers. Although emphasis will be placed on the administrative and supervisory organization of work in the city schools, larger problems of state and county control will also be considered.

Three units; second semester.

Touton

117. City School Administration. An advanced course dealing with selected problems of organization and administration in a system of schools. Consideration will be given administrative organization, supervision of instruction, buildings, finances, and plans for development.

Two units; summer session.

119ab. Current Literature in Education. An informal consideration of current topics in Education. Open to seniors and graduates who have had, or are registered for, eight or more units in Education. May be taken with or without credit work. This course takes the place of the Departmental Club.

One unit; throughout the year.

Rogers

120. Organization and Technique of Teaching. (In elementary schools.) This course is intended especially for candidates for either elementary or junior high school teachers' credentials. Some attention will be given a few of the more recent general methods, such as supervised study, socialized recitation, and the project method. The major emphasis, however, will be given to the study of specific methods and devices in the principal elementary school subjects.

Three units; second semester.

Stormzand

121. Organization and Technique of Teaching. (In secondary schools.) A course required of all candidates for the High School Teachers' Credential and of all students majoring in Education. It deals with the types of lessons and conventional methods, with emphasis on some of the more recent experimental movements, such as supervised study, the socialized class, the project method, etc. The discussion of principles will be supplemented by observation of actual classroom work.

Three units; first semester, repeated the second.

Cummins

114. Educational Hygiene. Emphasis is placed on problems that confront the classroom teacher, such as growth, nutrition, exercise, physical defects, school diseases, etc., the relation of health to delinquency, educational hygiene, and health supervision. (Not given 1922-23.)

Two units; first semester.

Cummins

122. School Treatment of Individual Differences. This course deals with such phases of educational and mental testing as are used to discover retarded and deficient children, and the study of provisions made and methods used to meet their needs. An effort will be made to adapt and connect this work with the principal phases of such work as have been developed in the Los Angeles schools.

Two units; summer session.

Stormzand

123. Practice Teaching. Experience in teaching under supervision for at least five hours a week for one semester in the public elementary schools of the city. Open to seniors recommended for the teaching service. *Prerequisite:* Eight units in Education.

Four units; first semester, repeated second semester.

Stormzand and Supervisory Staff

128. Educational Theory and Practice. The recitation, its purpose, plan, and method; types of question and response; the supervised and cooperative study-lesson; teaching by problems and supplemental material; the development of a system of graphic illustrations. Assigned readings and practical exercises.

Two units; summer session.

Lunt

132. Educational Psychology. An introductory course dealing with native tendencies and the educational problems involved. Native endowment, mental development, work and fatigue, and individual differences in relation to heredity, sex, maturity, and environment, are some of the topics considered.

Three units; second semester.

Stormzand

133ab. Experimental Education. A careful study is made of the psychological and educational factors involved in teaching the different elementary school subjects, with special attention given to experimental work by teachers in connection with their regular teaching. Enrollment only by special permission of instructor.

Two units; throughout the year.

Stormzand

134. Psychology of Elementary School Subjects. The psychology of the principal elementary school subjects, arithmetic, language, spelling, reading, history, and geography, will be taken up separately. The psychological analysis of these subjects will be made on the basis of use, or as a practical background for the teacher's method in dealing with both group situations and individual problems.

Two units; first semester.

Stormzand

135. Psychology of High School Subjects. An analysis is made of the various high school subjects, from the point of view of the special psychological problems involved in the adaptation of subject-matter to the high school student and the development of special methods in the teaching of such subjects. (Not given 1922-23.)

Two units.

Stormzand

141. Principles of Social Education. Social factors involved in the education of the child and the relation of education to community needs. Consideration is given to the principles

and problems involved in extending the influence of the school beyond the regular school activities.

Three units; first semester.

Rogers

142. Citizenship and Education. An analysis of the ideals and habits essential for good citizenship is made, followed by a study of the part each school subject has in their development.

Two units; first semester, repeated the second.

Rogers

143. Vocational Education. The purpose, history, organization and promotion of vocational education and its articulation with the public school system and with industry. Special attention will be given to the Smith-Hughes Law and other federal and state enactments bearing on this problem.

Two units; first semester.

Touton

144. Educational and Vocational Guidance. A study of the history and principles of vocational guidance, followed by an analysis of the psychological and educational factors, on the one hand, and the social and economic factors on the other, involved in assisting boys and girls of high school age in determining their own capacities and fitness for participating in life activities.

Two units; second semester.

Touton

151. Principles and Organization of Secondary Education. The evolution, scope and function of secondary education, the relation of the secondary schools to other educational activities, and the present needs and tendencies are considered. Required of candidates for the High School Teachers' Credential. (Not open to juniors.)

Three units; first semester.

Touton

152. Administrative Problems in Secondary Education. A continuation of Education 151 in which such problems as teaching staff, student activities, adaptation of curricula, community relationships, etc., are considered. (Not open to juniors.)

Three units; second semester.

Touton

153. The Junior High School. An intensive study of the principles and problems involved in the reorganization of Secondary Education. Special attention is given to modifications in the plan and equipment of group organizations and changes in curriculum and methods of instruction.

Two units; second semester.

Touton

GRADUATE COURSES

201. Philosophy of Education. A study of Education as a social agency in relation to other forces that work in a demo-

cratic society. An effort is made to evolve a working theory of democratic education. Such topics as education as a social function, the democratic conception of education, the nature of method, and educational values will be considered. *Prerequisite*: Eight units of Education, including Education 102 or 141.

Two units, first semester.

Rogers

202. Philosophy of Education. A continuation of Education 201. Such fundamental problems as the relations of the individual and society, nature of subject-matter, nature of method, the philosophical aspects of the subject of curricula, are considered. *Prerequisite*: Eight units in Education, including Education 102 or 141.

Two units; second semester.

Rogers

204. Educational Classics. A study of the social setting and an analysis of the educational principles presented in the writings of Plato, Aristotle, Comenius, and other earlier writers. Some attention will be given to modern writings, including the works of Dewey. (Not given 1922-23.)

Two units; second semester.

Rogers

206. Sociological Foundations of Curricula. An analysis of the objectives of education, followed by a study of the psychological and social factors in the selection and organization of curricula for different types of school. This course alternates with Education 202. (Not given 1922-23.)

Two units; second semester.

Rogers

211. Statistical Methods. An introductory course giving the principles of educational research accompanied by laboratory practice in working out the more commonly used statistical devices. Data will be taken from typical school conditions.

Two units; summer session.

Stormzand

213. Educational Tests and Measurements. An examination of the more common tests and measurements used in the elementary and high schools, with observation of the practical work of others and some laboratory practice.

Three units; first semester.

Stormzand

215ab. Seminar in Educational Administration. A group for the cooperative study of administrative problems, to bring together teachers and principals interested in working out some common problem, with intensive research of the literature and group discussion. Definite topics will be announced for each year. (Not given 1922-23.)

Two units; throughout the year.

Touton

221ab. Supervision and Criticism of Instruction. Guiding principles for determining the efficiency of instruction are developed. The respective functions of teacher and supervisor and the application of the principles underlying supervision will be considered.

Two units; throughout the year.

Touton

223. Practice Teaching. Conference, observation and actual experience in the handling of classes in the University High School. Required of all candidates, without previous teaching experience, for the High School Teachers' Credential. *Prerequisite:* Eleven units of Education.

Four units; first semester, repeated second semester.

Cummins, Lunt and Supervisory Staff

231ab. Seminar in Educational Psychology. Students will be given opportunity to work out individual problems, either as partial preparation for Master's theses in Education or in practical school work, if members are engaged in teaching or administrative work. Either Education 132 or 213 will be a prerequisite for this seminar, and Education 211 is also suggested as a desirable preliminary course.

Two units; throughout the year.

Stormzand

251ab. Seminar in Secondary School Problems. An advanced course given to an intensive study of principles, organization and administration of Secondary Education.

Two units; throughout the year.

Rogers, Touton

261ab. Thesis Work. Registration in this course is required of all candidates for a Master's degree with a major in Education. General outline of the requirements for thesis, preliminary reading, and individual conferences constitute the work of the course. The amount of credit is determined by the relation this course bears to other courses in the department.

Two units; throughout the year. Rogers, Stormzand, Touton

Special Teachers' Courses

The following Teachers' Courses are designed for students preparing to teach in secondary schools. They are offered in preparation of Teaching-Majors and Teaching-Minors in the School of Education. These courses have been approved as required by the regulations of the State Board of Education and may be counted by inexperienced candidates, to the extent of two units, toward the fulfillment of the requirements in Education. Teachers with seventeen months or more of experience will find it profitable to elect a departmental Teachers' Course, but should take this work in addition to the twelve units required in graduate study.

- Education 199A. **Methods in Teaching Art.**
(See Art 199.)
Two units; first semester. Lowd
- Education 299B. **Teaching of Biological Sciences.**
(See Biology 299.)
Two units; first semester. Cummins
- Education 299E. **The Teaching of English.**
(See English 299.)
Two units; first semester. Lunt
- Education 299F. **The Teaching of French.**
(See French 299.)
Two units; first semester.
- Education 299H. **The Teaching of History.**
(See History 299.)
Two units; second semester. Lunt
- Education 199h. **Methods of Home Economics.**
(See Home Economics 199.)
Two units; first semester. York
- Education 299L. **The Teaching of Latin.**
(See Latin 299.)
Two units; first semester. Tilroe
- Education 299M. **The Teaching of Mathematics.**
(See Mathematics 299.)
Two units; second semester. Willett
- Education 199s. **The Teaching of Speech.**
(See Speech 199ab.)
One unit; throughout the year. Yoder
- Education 299P. **Methods in the Physical Sciences.**
(See Physics 299 and Chemistry 299.)
Two units; second semester. Cummins
- Education 299S. **Methods in Spanish.**
(See Spanish 299.)
Two units; second semester. Johnson

ENGINEERING COURSES ELECTIVE IN ARTS

Any of the courses offered under Chemical, Civil, Electrical, Mechanical or Mining Engineering may be elected toward the Bachelor of Arts degree, but not to exceed 15 units may be so used. These courses may also be transferred by engineering students seeking credit towards the Arts degree, together with courses in science, drawing, etc., taken in regular Arts classes; in such cases, however, not to exceed 18 units of credit may be transferred for any one semester's work.

ENGLISH LANGUAGE AND LITERATURE

Professors Gaw, Wood, Wann; Associate Professors Blanks, Biles;
 Assistant Professors Clark, Cooke, Thompson; Instructors
 Truesdell, Lockley, Burton

A. Sub-Freshman English. A course in the elements of grammar, sentence structure, and punctuation. Required of all entering students who are unprepared for English lab. No college credit is given for the course.

Three hours per week, first semester; repeated second semester. Biles, Clark, Thompson, Truesdell, Lockley

B. English for Non-English-Speaking Students. A course in reading, writing, and speaking the English language, required immediately of all foreign-born students of any classification whose knowledge of English is too imperfect to enable them satisfactorily to profit by class lectures. This course is without college credit.

Three hours; throughout the year. Hedley

LOWER DIVISION COURSES

1ab. Introductory Course. The theory and practice of writing. Required of all candidates for the Bachelor's degree except as provided under English 2. Admission to this course is strictly by examination conducted during the first week of the course, and those not so qualifying are required to take English A as a *prerequisite* to admission to English lab.

Three units; throughout the year.

Gaw, Blanks, Biles, Clark, Cooke, Thompson, Hedley,
 Truesdell, Lockley, Burton

2. Condensed Introductory Course. For those students only who pass the entrance examinations to English lab with a marked degree of excellence both in thought and in form. Upon the successful completion with high grades of this one-semester course, the student may be permitted to substitute courses in advanced composition or in literature for the second semester of the required work in English.

Three units; first semester. Thompson

4. Business Correspondence. A practical course in the writing of effective business letters of all types, based upon a study of the psychology of business and supplemented by special lectures from correspondence experts. *Prerequisite:* Six hours of English Composition. Not credited toward an English major.

Two units; first semester; repeated second semester. Wann

5. Advanced Business English. The preparation of catalogues, folders, booklets, etc. Foreign correspondence. *Pre-*

requisite: English 4. Not credited toward an English major.
Two units; second semester. Wann

9. Advanced Composition. A course in descriptive and expository writing designed to develop fluency and accuracy on the part of students who intend to make writing a profession.

Two units; second semester. Thompson

20fg. General Survey of English Literature. The work of the first semester covers the field of English literature from the "Beowulf" to Defoe; that of the second semester from Defoe to Stevenson. Required of all students intending to do major work in English, and in general *prerequisite* to courses in English literature of Upper Division grade.

Three units; throughout the year. Clark, Cooke, Thompson

50fg. Types of Great Literature. Given primarily for students not majoring in English that they may become familiar with those masterpieces of world literature that are fundamental to a broad culture.

Two units; throughout the year. Thompson

63f. Studies in the Novel. An analytical treatment of modern specimens of the type.

Two units; first semester. Blanks

66fg. The English Essay. A study of the development of the essay as a type from Montaigne and Bacon to the present day; a combined reading and writing course, consisting of (a) a general study of a number of the prominent English essayists, with special emphasis on Bacon, Addison, Steele, Lamb, Hazlitt, Stevenson, and contemporary English and American essayists; and (b) the writing of the various types of the informal essay, as represented by the essayists studied.

Two units; throughout the year. Wann

97. Public Course. Contemporary Leaders of Literary Thought. Each lecture includes a comprehensive view of the intellectual and stylistic qualities that give importance to the living English or American author under discussion, illustrated by the reading of generous excerpts from his works. (Not offered 1922-23.) Gaw, Wood, Wann, Dixon, Blanks

UPPER DIVISION COURSES

103 Short Story Writing. A practical course in short story composition. The course includes a study of modern short story models; the development of plots from basic ideas; the mechanism of short story construction; and the character and requirements of various markets and methods of marketing stories. Enrollment limited to fifteen students.

Prerequisite: A high grade in English 1ab or English 2, or other qualifications satisfactory to the instructor.

Two units; first semester: repeated second semester. Clark

106ab. Writing in Poetic Forms. A practical course in poetic composition. After some consideration of the values of various metrical lines and tone-colors as expressive of different conceptions and moods, the class experiments with typical forms, such as the quatrain, the Omar Khayyam stanza, the couplet, blank verse, the Spenserian stanza, the ballad, the ode, the sonnet, and the various French forms. The main *prerequisites* for the course are an ear for rhythm and a desire to experiment in its resources for creative work. The student should, however, have had English 20fg or its equivalent. (Not offered, 1922-23.)

One unit; throughout the year.

Gaw

107ab. Play-Writing. A practical course in dramatic composition, analytical and creative. Study of models; adaptations of short-stories to the stage; development of original plots; the play-scenario and the completed play. In cooperation with the College of Oratory plays of merit written by members of the class may be given an experimental production. Enrollment is limited to fifteen persons. This course should be preceded or accompanied by English 156 or 158.

One unit; throughout the year.

Gaw

111ab. The English Language. A study of the evolution of Modern English from Old English under the varying influences that have affected the vernacular since its advent in Britain. The course, including as it does the elements of Old English, the history of the language, and the fundamental principles of philology, has been designed to fit the needs of all serious students of English, who should be equipped with an understanding of the organic structure and growth of their mother tongue. Required of all English major students. *Prerequisite:* English 20fg.

Three units; throughout the year.

Cooke

126. The Period of Chaucer. A survey of Chaucer's life and times, with some attention to writers other than Chaucer; readings principally in the "Canterbury Tales" and "Troilus and Criseyde." *Prerequisite:* English 20f and 20g.

Two units; first semester.

Cooke

129. The Elizabethan Period (Non-dramatic literature). 1557-1625. After a preliminary survey of the Renaissance in England, the course proceeds with a study of the principal authors and types of the non-dramatic literature of the period, with special emphasis on Spenser, Sidney, Bacon, Shakespeare, and Jonson. *Prerequisite:* English 20f and 20g.

Three units; first semester.

Wann

133. The Period of Milton. 1625-1660. A study of Milton and his contemporaries, with special attention to the significance of Puritanism. *Prerequisite:* English 20f and 20g.

Three units; second semester.

Wann

135. The Classical Period. 1660-1760. Dryden, the Augustans, Johnson and his circle, the evolution of Journalism, the development of the Novel and the Drama, the rise and decline of Neo-Classicism. *Prerequisite:* English 20f and 20g. Not offered 1922-23.

Three units; first semester.

Cooke

137. The Romantic Period. 1760-1832. After a preliminary discussion of the beginnings of Romanticism in England, the work proceeds with a study of the poetical work of Burns, Wordsworth, Coleridge, Scott, Byron, Shelley, and Keats, with some attention to the prose writers of the period. *Prerequisite:* English 20f and 20g.

Three units; first semester.

Wann

140. The Victorian Period. 1832-1892. Chief attention is given to Tennyson, Browning, Carlyle, Newman, Ruskin, Arnold, the Pre-Raphaelites, and Swinburne. *Prerequisite:* English 20f and 20g.

Three units; second semester.

Cooke

143. Contemporary British and American Poets. A consideration of the chief writers of verse in the English language since the death of Tennyson. *Prerequisite:* English 20f and 20g. Not offered 1922-23.

Three units.

Wood

145. American Literature. A survey from the beginning to the present day. A preliminary study of Colonial and Revolutionary literature is followed by careful attention to the chief poets and prose writers of the nineteenth century. Throughout the course special attention is paid to the relations between American and British literature.

Three units; second semester.

Wann

146. American Prose Writers. A study of the chief American prose writers, with special emphasis on Poe, Hawthorne, Emerson, Thoreau, and Lowell. Not offered 1922-23.

Two units; second semester.

Wann

147fg. Studies in American Literature. First semester: The works of Edgar Allan Poe and Sidney Lanier. Second semester: The works of Henry David Thoreau and Walt Whitman. Not offered 1922-23.

Two units; throughout the year.

Wann

151. Epic and Lyric Poetry. The sphere and contents of poetry as related to the fine arts and literature; the nature and types of epic and lyric; metre and tone-color as interpreters of the spiritual message of the poem; the history of some leading varieties of epic and lyric in English literature. *Prerequisite:* English 20f and 20g, or their equivalent in other literatures. Not offered 1922-23.

Three units; second semester.

Gaw

156fg. Shakespeare and the Elizabethan Drama. First semester: A detailed study of the dramaturgy of a Shakespearean play as a basis of comparison in the course, followed by a sketch of the development of the English drama through the miracle and morality plays, the interlude, and the influences of the drama of Plautus and Seneca, and a more detailed study of the drama of Lyly, Peele, Kyd, Marlowe, and Greene. Second semester: A study of a series of plays by Shakespeare and his contemporaries, with due attention to theatrical and social conditions. *Prerequisite* for Liberal Arts students: English 20fg. In 1922-23 only the second semester of the course will be offered.

Three units; throughout the year.

Gaw

158ab. Modern Drama. A study of several typical plays by Ibsen, followed by a brief survey of the history of English drama from 1660 and a more comprehensive consideration of contemporary English, American, and Continental dramatists. *Prerequisite* for Liberal Arts students: English 20fg.

Three units; throughout the year.

Gaw

164f. The History of the Novel. The development of the European novel to the time of Scott, with especial attention to its production in England.

Two units; first semester.

Cooke

164g. The Modern Novel. After a study of the major novelists of the nineteenth century, attention is directed to the more recent writers of American and European fiction.

Two units; second semester.

Cooke

183j. Browning. A study of the art and teaching of Robert Browning, with especial attention to "The Ring and the Book." Not offered 1922-23.

Three units; second semester.

Wood

190fg. Literary Criticism. The analysis, in chronological order, of certain masterpieces of criticism, with attention to

the definitions and characteristics of various types of literature and the influence of the literary theories of various nations upon those of England. *Prerequisite:* English 20f and 20g. Not offered in 1922-23.

Two units; throughout the year.

Cooke

193fg. English Translations of the Classics. The reading of English translations of (f) Greek and (g) Latin masterpieces, accompanied by a study of the historical development and the salient characteristics of important literary types and some consideration of their influence upon later literature.

Two units; throughout the year.

Brown

GRADUATE COURSES

210. Introduction to the Theory of Language. The progressive and conservative forces entering into linguistic evolution, and a survey of the relations of English to the other members of the Indo-European linguistic group. Not offered 1922-23.

Three units; second semester.

Gaw

224. Early Middle English Literature. A study of typical literary forms between 1100 and 1350. Not offered 1922-23.

Three units; second semester.

Gaw

246. Studies in American Literature. Subjects for 1922-23: Emerson, first semester; Hawthorne, second semester.

Two units; throughout the year.

Wann

264ab. The History of the Novel. The development of the European novel, with especial attention to its production in England. Not offered 1922-23.

Two units; throughout the year.

Wood

273. Arthurian Romance in English. Studies in the development of the Arthurian material down to Malory; the importance of "Le Morte d'Arthur"; the influence of the Arthurian cycle in modern English literature. Not offered 1922-23.

Two units; second semester.

Cooke

291ab. The Theory of the Stanza. A seminar course.

Two units; throughout the year.

Gaw

295. The High School English Curriculum. A study of its history, aims, materials, organization, and bibliography. All candidates for the High School Teacher's Credential should enter the course unless they have recently had a survey of the modern literature upon the subject. A graduate course, but not credited toward the degree of Master of Arts.

Three units; first semester.

Gaw

299. Methods of Teaching High School English. After a brief consideration of the function of high school English—language, grammar, and literature—there follows an exposition of the methods in the teaching of those subjects, by which they may be made to contribute to the practical and cultural development of pupils of high school age.

Two units; first semester.

Lunt

Undergraduate Major Work. Thirty semester units, in addition to English 1. In major work in English all students must include courses 20fg and 11lab. History 10lab is required as a collateral course. *Those who contemplate pursuing graduate work for the attainment of the degree of Master of Arts are notified that their undergraduate course must be so planned as to equip them with a reading knowledge of Greek, Latin, French, or German.*

Undergraduate students who contemplate the teaching of English should notify the head of the department of that fact at the beginning of the senior year. Failure to do so may entail complications that will render it impossible for them to secure in the minimum time the endorsement of the department for the teaching of English as a major subject.

Minor Work. Twelve semester units in addition to course 1ab, of which at least six units must be in upper division courses.

Requirements for the High School Teachers' Endorsement: A satisfactory undergraduate English major course of thirty units (exclusive of English 1ab), including English 20fg and 11lab, and accompanied by History 10lab, and by Public Speaking 10lab or 120, or their respective equivalents; and followed by a minimum of six graduate units (or, for teachers of not less than seventeen months of successful experience, of three graduate units), in the English department. The graduate work should include a course in literature and course 299 (which latter, however, is waived in the case of experienced teachers); and course 295 is strongly recommended. In addition, the candidate must pass the first, the third, and the fifth of the "English final examinations for graduate students" described below. Upon the completion of such a course by a candidate of good moral character and satisfactory teaching personality, the English department will by resolution formally endorse him or her as an English major candidate for high school teaching.

Requirements for the Degree of Master of Arts: A satisfactory undergraduate English major course, followed by a graduate course organized as prescribed in the general regulations for the degree of Master of Arts (which see), and compliance with the requirements concerning the "Eng-

lish final examinations for graduate students," as indicated below. Candidates for the degree of Master of Arts in English are also required to offer a reading knowledge of Greek, Latin, German, or French.

The English Final Examinations for Graduate Students. In addition to the regular course examinations there will be required of all English major candidates for the degree of Master of Arts, or for the departmental endorsement for high school English teaching, a more comprehensive test of their fitness for the honors in question. The equipments involved are:

1. A knowledge of the general history of the development of English literature and a personal acquaintance with leading works from its various periods.

2. Special knowledge of one of the main literary periods, movements, or types. In satisfaction of this requirement the candidate may, if he desires, offer the satisfactory completion of a three-unit English course of the nature described, taken as graduate work in this University.

3. The ability to appraise a brief work of literature of any of the well recognized types as to its merits of content, construction, style, and metres.

4. A knowledge of the history of the English language through its three main periods. From this requirement candidates who have attained a grade of A or B in English 111ab as undergraduates in this University are exempt. Other candidates may, if they desire, substitute for it the completion at this University of an English graduate course primarily of a linguistic nature.

5. Skill in the written expression of thought and freedom from objectionable habits of speech. As a rule, this is mainly tested in connection with Point 3.

The above examinations are offered about December 1 and April 1 of each year, and in the Summer Session. They must be taken at some time during the academic year at the end of which the honor in question is to be granted. In general, all candidates for that year should appear in December. Candidates for the departmental endorsement for English high school teaching must pass satisfactorily in the first, third, and fifth points listed. Candidates for the degree of Master of Arts must pass in all and must show marked merit in three of the five points.

FRENCH

Professors Riddle, Bissell, Lowther; Associate Professor Austin; Assistant Professor Saint-Jean; Instructor Ives

LOWER DIVISION COURSES

1ab. Elementary French. Pronunciation, the essentials of grammar, reading of simple prose, conversation, writing, and dictations. Not credited toward a major or a minor.

Five units; throughout the year.

Riddle, Bissell, Lowther, Saint-Jean, Ives

2ab. Intermediate French. Readings from standard French authors, including Balzac, Coppée, Dumas, Anatole France, Hugo, and Maupassant. Composition, conversation, and collateral reading. *Prerequisite:* Two years of high school French or French 1ab.

Three units; throughout the year.

Riddle, Bissell, Lowther, Austin, Saint-Jean, Ives

4ab. Elementary French Conversation. This course may be taken simultaneously with French 2ab. *Prerequisite:* French 1ab or equivalent.

Two units; throughout the year.

Bissell, Ives

5. Commercial French. Business vocabulary, commercial forms and letters, and reading of trade journals. *Prerequisite:* French 1ab or equivalent.

Two units; second semester.

Lowther

UPPER DIVISION COURSES

104ab. Advanced French Conversation and Composition. A continuation of French 4ab and designed for students wishing to perfect their knowledge of the spoken language. The course consists of lectures in French treating of French life, literature, and customs, of conversation based upon the lectures, of original themes and dictations. *Prerequisite:* French 4ab or four years of high school French.

Two units; throughout the year.

Saint-Jean

105ab. General Survey of the History of French Literature. Reading of selected plays and novels. Conducted in French. *Prerequisite:* French 2ab or equivalent.

Two units; throughout the year.

Bissell, Ives

106ab. French Literature of the Seventeenth Century. A general survey with special attention to Corneille, Racine and Molière. Conducted in French. *Prerequisite:* French 2ab or equivalent. This course alternates with French 107ab. (Not given in 1922-23.)

Three units; throughout the year.

Saint-Jean

107ab. French Literature of the Eighteenth Century. A general survey with special attention to Montesquieu, Vol-

taire, and Rousseau. Conducted in French. *Prerequisite:* French 2ab or equivalent. This course alternates with French 106ab. (Given in 1922-23.)

Three units; throughout the year.

Saint-Jean

109ab. Advanced French Syntax and Composition. A prerequisite of the Teachers' Course and required of all candidates for a major and a teaching minor. *Prerequisite:* French 2ab or equivalent.

Two units; throughout the year.

Austin, Lowther

124. French Phonetics. Nyrop, Manuel phonétique du français parlé; Geddes, French Pronunciation. *Prerequisite:* French 2ab or equivalent.

Two units; first semester.

Riddle, Austin

125ab. French Dramatists of the Nineteenth Century. Upper division or graduate course.

Two units; throughout the year.

Riddle

GRADUATE COURSES

221ab. French Seminar. Corneille.

Two units; throughout the year.

Riddle

225ab. Old French Grammar and Reading of Old French Texts.

Two units; throughout the year.

Austin

299. Teachers' Course. Methods and aims in the teaching of French in secondary schools. *Prerequisite:* French 109ab and 124, or equivalent. This course may not be credited toward the degree of Master of Arts.

Two units; first semester.

Riddle, Lowther

Undergraduate Major. Twenty-six units, including courses 2ab, 105ab, either 106ab or 107ab, 109ab, 124, and exclusive of 1ab.

Undergraduate Minor. Twelve units, exclusive of course 1ab, one-half of which shall be in upper division courses.

High School Teacher's Recommendation. The requirements for undergraduate major work, course 299, and a minimum of six graduate units, usually including the seminar.

GEOLOGY

Professor Bailey; Associate Professor Sedgwick

LOWER DIVISION COURSES

1. General Geology. A study of the surface features of the earth; their origin; and their relations to human life and industry. Lectures and recitations.

Two units; first semester.

Sedgwick

2. Mineralogy. A study of the properties, uses, and methods of determination of the most important minerals, ores, and gems. Laboratory, recitations, and lectures. *Prerequisite:* Chemistry 2 or its equivalent.

Two units; first semester.

Sedgwick

3. Historical Geology. A study of the history of the earth; the order and nature of the rocks; the fossil life; and the succession of events. Lectures and recitations. Special attention is given to the geology of the Pacific Coast region. *Prerequisite:* Geology 1.

Two units; first semester.

Bailey

5. California Geology. The geo-history of California. Origin of the Sierras and Coast ranges. The origin of Yosemite and Lake Tahoe. The living glaciers and active volcano. The Great Valley, Death Valley, and Great Basin. *Prerequisite:* Geology 1.

Two units; second semester.

Bailey

6. Agricultural Geology. Lectures on the origin, nature, value and classification of soils; control of moisture conditions; and physical analysis of soils.

Two units; first semester.

Bailey

UPPER DIVISION COURSES

107. Petroleum Geology. A study of the nature, origin and geology of petroleum. *Prerequisite:* Geology 1, 3.

Two units; second semester.

Sedgwick

108. Blowpipe Analysis. Determination of ore by blowpipe. Lectures and laboratory. *Prerequisite:* Geology 2.

One unit; second semester.

Sedgwick

112. Commercial Geology. The location, distribution, and political ownership of the most important mineral supplies of the world. Their nature, origin, and uses. Special attention to the large, diversified and unique mineral resources of California. *Prerequisite:* Geology 2, 3.

Two units; first semester.

Bailey

113. Field Geology. Practice in field work following the methods of the United States Geological Survey. *Prerequisite:* Geology 1, 2, 3.

Three units; second semester.

Bailey

114. Paleontology. The study of fossils, showing how past life may be interpreted by the life of the present. *Prerequisite:* Geology 3.

Two units; second semester.

Bailey

115. Petrology, or Rock Classification. The general characteristics, origin, mode of occurrence and nomenclature of rocks, and study of the more common types. *Prerequisite:* Geology 2.

Two units; second semester.

Sedgwick

GERMAN

Professor Borthwick

LOWER DIVISION COURSES

1ab. Elementary German. Pronunciation, reading and grammar, with practice in speaking and writing. This course is intended for students who enter without German. Not credited toward either major or minor.

Five units; throughout the year.

Borthwick

2ab. Intermediate German. For students who have had German 1ab or two years of high school German.

Three units; throughout the year.

Borthwick

4. German Conversation. For those deficient in the oral use of the language. To follow or accompany German 2ab. Not given in 1922-23.

Two units; first semester.

UPPER DIVISION COURSES

101. Commercial German. Business correspondence; banking terms; forms of bills, checks, drafts, etc. Reading, translation and composition. *Prerequisite:* German 2ab.

Three units; first semester.

Borthwick

102. Scientific German. For students specializing in science. *Prerequisite:* German 2ab.

Two units; second semester.

Borthwick

103. Schiller. Study of Schiller's life and works. *Prerequisite:* German 2ab.

Three units; first semester.

Borthwick

104. Heine. Study of Heine's life and works.

Three units; second semester.

Borthwick

107. Goethe. Introductory study of Goethe's life and works.

Two units; first semester.

Borthwick

116. Outline of German Literature. The development of German literature to the lyrics of the thirteenth century. Not given in 1922-23.

Two units; first semester.

117. Outline of German Literature (continued). From the fourteenth century to Goethe. Not given in 1922-23.

Two units; second semester.

129. Goethe's Faust. Part I and selections from Part II. Three units; second semester. Borthwick

130. Hauptmann. A study of Hauptmann's life and works. Not given in 1922-23.

Two units; second semester.

Major Work: Twenty-six units, excluding Courses 1ab and 101, and including Courses 116 and 117.

Minor Work: Twelve units, excluding Courses 1ab and 101, six of which must be in upper division work.

GREEK

Professor Douglas

Courses 210, 212, 214 in Greek New Testament, Divinity Department of the School of Religion may be elected with credit in this department.

LOWER DIVISION COURSES

1ab. Elementary Greek. A study of forms and syntax, followed by reading of stories, myths and legends and exercises in prose composition.

Five units; throughout the year.

Douglas

4. Xenophon. Selections from the Anabasis, the Cyropaedia and the Memorabilia of Socrates. Continued and careful analysis of forms and grammatical construction. *Prerequisite:* Greek 1ab or its equivalent.

Three units; first semester.

Douglas

UPPER DIVISION COURSES

102. Greek Prose Writers. Selected orations of Lysias and Demosthenes; Plato's Apology and Crito. Selections from Herodotus and Thucydides. *Prerequisite:* Greek 4 or equivalent.

Three units; second semester.

Douglas

103. Homer. Book I of the Iliad and selections from several of the other Books. Homeric grammar and vocabulary. *Prerequisite:* Greek 4 or equivalent.

Three units; second semester.

Douglas

GRADUATE COURSES

214. Greek Poets. Comedy and Tragedy. Comparative study of style, grammar and vocabulary.

Three units; second semester.

Douglas

HISTORY

Professors Gilliland, Lowrey, Teeter; Assistant Professor Early

Courses 101, 120, 125 and 200 in Political Science, and 101 and 102 in Biblical Literature are credited toward a major in History.

LOWER DIVISION COURSES

1ab. General History. An introductory course in the study of history. A brief survey of the ancient world, the causes that led to the breakup of the Roman Empire, the social, religious, and political conditions of Mediaeval and Modern Europe.

Three units; throughout the year.

Gilliland

2ab. Social and Political History of Modern Europe. The course deals with the history of Europe from the fifteenth century until the present time and aims to familiarize the student with the political, social and economic influences at work during this period.

Three units; throughout the year.

Gilliland

7ab. Mediaeval History. A general survey of the mediaeval period, with special reference to the development of great institutions, both of church and state. Lectures, readings, and papers.

Three units; throughout the year.

Early

13. History of the United States to 1829. A study of the colonies to the Revolution, and the development of national life through the administration of John Quincy Adams.

Three units; first semester.

Lowrey

14. History of the United States, 1829-1920. Continuation of course 13. Special attention paid to the causes of the Civil War, the period of reconstruction, and to the fields of political and economic development.

Three units; second semester.

Lowrey

UPPER DIVISION COURSES

101ab. History of England and Greater Britain. A course covering the development of British history, with special emphasis on the growth of the Empire.

Three units; throughout the year.

Lowrey

102. History of Japan and the Far East. Early Japan as the pupil of Korea and China. Influence of Buddhism. The rise of feudalism and of the Shogunate. The century of foreign intercourse. The latter centuries of Tokugawa isolation and centralization. The Meiji era. Problems of today.

Two units; first semester

Dixon

103. Chinese History and Civilization. The successive dynasties of the great empire. Foreign relations during the last few centuries. Founding of the republic. Problems of today.

Two units; first semester

Hedley

108. Renaissance and Reformation. A study of the Renaissance as it affected European life and thought, with special reference to artistic, literary, and political features; the Reformation as it affected the religious, economic, and political development of Europe. Open to well qualified Sophomores.

Three units; first semester

Early

110. The French Revolution and the Napoleonic Empire, 1789-1815. A brief review of the Ancient Regime, followed by a study of the political, social, and international aspect of the French Revolution and the Napoleonic Empire. (Sophomores admitted with permission of instructor.)

Three units; second semester

Early

111ab. Europe Since the Congress of Vienna. This course deals with the political and economic movements in Europe after 1815. Special attention is given to the causes of the Great War, the Peace Treaties, and Reconstruction. *Prerequisite:* History 2ab or 110.

Three units; throughout the year

Gilliland

114ab. English Constitutional History. An examination into the origin and evolution of the English Constitution. *Prerequisite:* Course 101ab or permission of the instructor. Open to advanced students.

Two units; throughout the year

Early

115. Recent English Economic and Social History. From 1603 to the present. *Prerequisite:* History 101ab or permission of the instructor.

Two units; first semester (not given 1922-3)

Lowrey

116ab. Pacific Slope History. A special lecture course, beginning with the Spanish Colonial system. The origin of civilization in New Spain; the occupation and development of Alta California and the Oregon territory; the American conquest; the genesis of the Empire State of the Pacific. Special reference to California throughout. This course is designed to be especially helpful to history teachers and those expecting to teach history.

Two units; throughout the year

Hunt

117ab. Expansion of Europe Since the Fifteenth Century. A study of European discoveries, explorations, settlements and the forms of colonial institutions developed.

Two units; throughout the year (not given 1922-3) Gilliland

119. Greek History. A critical study of the conditions of Greek life and thought, making a careful study of the evolution of political and social institutions. Lectures, papers on assigned subjects for research. Open to advanced students and teachers.

Three units; first semester.

Early

120. Roman History. A series of investigations into the genesis, growth, and organization of the Roman State with special emphasis upon the latter Republican and early Imperial period. Open only to advanced students and teachers.

Three units; second semester

Early

121. World Preparation for Christianity. The philosophies and religious systems of the Ancient world are studied with special reference to their influence upon Christianity.

Two units; first semester

Gilliland

124ab. The Expansion of the Ottoman Turks. The political status of the Balkan and the Asia Minor regions before the Ottoman conquests; the building of the Ottoman empire; the struggle of the conquered nationalities for autonomy; the status of the Balkan and Asia Minor regions as determined by the Great War. Open to well qualified Sophomores. (Not given in 1922-23.)

Two units; throughout the year

Early

125. History of Russia. A brief survey of early Russian history is given, but the course deals chiefly with the history of Russia during the century preceding the Great War.

Two units; second semester

Gilliland

128ab. Ancient and Mediaeval Imperialism. An analysis of the bases of the successive empires which dominated ancient and mediaeval life. An examination of the religious and social ideas which developed into the political structures

emerging and culminating in the Holy Roman Empire. Open to Sophomores by arrangement with the instructor.

Two units; throughout the year

Early

130. Latin-American Colonies. A brief survey of Spanish and Portuguese institutions and social conditions at the end of the fifteenth century; colonization, and the development of colonial policy, economic and social conditions in Latin America, to the wars of independence.

Two units; first semester

Teeter

131. Latin-American Republics. A continuation of course 130, from the wars of independence to the present. Special attention will be given to the relations between the republics and the United States.

Two units; second semester

Teeter

140. Current History. Post-war development; national and world problems in their historical setting. Lectures, investigations, and reports.

Two units; second semester

Lowrey

141ab. American Constitutional History. English and colonial background, the constitutional convention, and the development of the constitution up to the present. *Prerequisite:* History 13 and 14, or permission of the instructor.

Two units; throughout the year

Lowrey

162ab. British Rule in India. Careers and policies of Lord Clive, Warren Hastings, Wellesley, Bentinck and Dalhousie. Literary and historical traditions and associations of Bombay, Simia, Peshawar, Lahore, Calcutta, Rangoon and other localities.

Two units; throughout the year

Dixon

GRADUATE COURSES

205. From Jackson to Lincoln. An intensive study of the history of the United States from 1829 to 1861, with emphasis on the growth of sectionalism, and the causes of the Civil War. *Prerequisite:* History 14, or permission of the instructor.

Two units; throughout the year

Lowrey

222ab. Seminar. The Protestant Reformation. As a guide to the study of method, Langlois and Seignobos' "Introduction to the Study of History" is used. Each student must show ability to do thorough research work.

Two units; throughout the year

Gilliland

223ab. Seminar. America's Relations in the Pacific Basin. A course designed to treat world movements in their historical setting as related to the three great politico-geographic fields: (1) The relations to the peoples of the Far East.

(2) British influences in the Pacific Basin in relation to American policies. (3) America's part as related to European world problems.

Two units; throughout the year

Teeter

299. Teachers' Course. A course for those persons who are planning to secure a High School Teacher's Recommendation. The work deals primarily with methods of teaching history in the secondary schools based upon the suggestions of the leading educators throughout the country.

Two units; second semester.

Lunt

Major Work: Thirty semester units, one-half of which must be in upper division courses.

Minor Work. Twelve units, including at least six in upper division courses.

High School Teachers' Recommendations. Students looking forward to High School Certification with History major are expected to complete six units each of Ancient, Mediaeval, Modern, English and American History and courses 216ab and 299.

Major Work for Degree of Master of Arts: A minimum of fourteen units of graduate work, including the History Seminar and a Thesis.

HOME ECONOMICS

Professor York; Instructor Mears

LOWER DIVISION COURSES

1. The Home. A study of the evolution of the family and a brief history of domestic architecture, house planning and decoration. Students are strongly urged to take Art 20ab (Design) parallel with this course.

Two units; first semester.

York

2. Household Problems. A continuation of Course 1. This course considers materials, quality and cost of typical house-furnishings and the care, organization and financial administration of the home.

Two units; second semester.

York

10ab. Selection and Preparation of Foods. This course presents the principles underlying the preparation of different types of foods. It aims not only to emphasize the principles of cookery, but to secure facility in the use of materials and utensils. One recitation and two laboratory periods per week. *Prerequisites:* Chemistry 1a and 1aL, or 2 and 2L, and 1b and 1bL.

Three units; first semester.

York

11. Fundamentals of Cookery. A course for those having high school credit in cookery. One recitation and one laboratory period per week. *Prerequisites:* Chemistry 1a and 1aL, or 2 and 2L, and 1b and 1bL.

Two units; first semester.

York

12. Elementary Nutrition. A study of food requirements and adequate menus. Planned for social workers and others desiring some knowledge of foods. Not credited toward a Home Economics major.

Two units; second semester.

York

50ab. Home Sewing. For students without high school credit in sewing. Fundamental stitches, hand and machine work applied to undergarments and various articles for the home. Design, simplicity, and good taste in school clothes are emphasized.

Two units; throughout the year.

Mears

51. Home Sewing II. An advanced course for students with high school credit in sewing. Elementary dressmaking and drafting, cutting, fitting and making of skirts, waists and dresses. Uses of commercial patterns. A study of line in relation to face and figure. The making of all kinds of articles for the home is emphasized. Two laboratory periods.

Two units; second semester.

Mears

52. Textiles. Study of textile weaves from primitive time to present day. Ancient and modern processes of manufacture, spinning, weaving, finishing, studies in purchasing.

Two units; first semester.

Mears

UPPER DIVISION COURSES

112ab. Preparation and Service of Food. Preparation of dishes for various meals. A study of the food requirements and adequate menus. The second semester each student works on some problem in Experimental Cookery. Two laboratory periods per week. *Prerequisites:* Home Economics 10ab or 11 and Chemistry 1b and 1bL.

Two units; throughout the year.

York

114ab. Nutrition and Dietetics. A study of the composition of foods and their metabolism by the human body. Diets are made. There is an application of the fundamental principles of human nutrition under varying physiological and economic conditions. Two recitations and one laboratory period per week. *Prerequisites:* Home Economics 10ab, Zoology 2L, and Biology 101L.

Three units; throughout the year.

York

155. History of Costume. Survey of industrial and social conditions which have influenced the design of costumes in the different centuries. A study of national costumes.

Two units; second semester.

Mears

160ab. Costume Design. Designing of costumes based upon historic study and the principles of color, harmony and design. There is also offered an excellent opportunity for the practical study of the costume in the large retail stores of the city. *Prerequisites:* Home Economics 50ab or 51, and Art 20ab or 23ab.

One unit; throughout the year.

Mears

162ab. Study of Costume. Practice in application of principles of costume design to the personality of the individual. Free hand pattern making. Two laboratory periods per week. *Prerequisite* or concurrent registration: Home Economics 160ab.

Two units; throughout the year.

Mears

165ab. Millinery. Winter and Summer millinery. The making of wire and buckram frames, and covering them with velvet, braid or straw; lining and finishing. Renovation of materials. One two-hour laboratory period a week each semester. *Prerequisites:* Home Economics 50 or 51.

One unit; throughout the year.

Mears

180. Home Nursing and Home Laundering Problems. A non-professional course in the elements of Home Nursing and Child Care. The work is given by a graduate nurse. The work in laundering includes a study of the equipment, principles and processes involved in general laundering. Two double laboratory periods per week.

Two units; second semester.

York and assistant

199. Teaching Methods in Home Economics. This course is to include a brief study of the Home Economics Movement, the content of courses for the various grades and high school classes, and the lesson plan. A report will be required on a certain number of visits to Home Economics classes in various schools. Students must present satisfactory evidence of knowledge of fundamentals of cookery and sewing. If such evidence cannot be shown additional laboratory courses must be taken. *Prerequisites:* Home Economics 112ab and 162ab.

Two units; first semester.

York

200. Seminar in Nutrition. For those desiring to do special reading on present research in Nutrition. *Prerequisites:* Advanced Organic Chemistry and Home Economics 114.

York

ITALIAN

Associate Professor Austin

LOWER DIVISION COURSES

1ab. Elementary Italian. Essentials of grammar. Composition and conversation. Reading of short stories. Three units; throughout the year. Austin

2ab. Intermediate Italian. Reading from modern Italian writers. Grammar and composition. Conversation. *Prerequisite:* Italian lab or equivalent. Two units; throughout the year. Austin

UPPER DIVISION COURSES

101ab. Dante: "Vita Nuova" and "Divina Commedia." Readings and lectures. *Prerequisite:* Italian lab or equivalent. Two units; throughout the year. Austin

JOURNALISM

Assistant Professor Thompson; Instructor Goodnow

LOWER DIVISION COURSES

1. News and Newswriting. Basis of practical journalistic work. Four or eight laboratory periods weekly, gathering and writing of news, interviews, feature articles; individual criticism. One lecture weekly, the modern newspaper: sources of news, staff organization, and duties; mechanical processes, new problems. Staff work on "Trojan." Three units; first semester. Goodnow

2. Development of Newswriting. Continuation of Course 1. Four or eight laboratory periods weekly. One lecture weekly, history of American journalism and lives of great journalists. Staff work on "Trojan." Three units; second semester. Goodnow

3. Advertising. Theory and practice of commercial publicity. Writing of advertising copy; psychological principles of advertising; typography. Preparation of an advertising campaign. Two units; first semester. Goodnow

4. Newspaper Advertising. Detailed study of this special advertising medium; practical work in connection with "The Trojan." Circulation and advertising rates. Work of the solicitor, advertising agency, newspaper service bureau. Continuation of Journalism 3. Two units; second semester. Goodnow

10. Magazine Writing. Articles. Personality sketches. Illustrated feature stories. Fiction. Development of the Short Story. Plot construction and development. Not given 1922-23.

Two units; first semester.

Goodnow

11. Short-Story Writing. Continuation of Course 10. One lecture weekly. Practical training in short-story building. Literary markets. Editorial needs. Not given 1922-23.

Two units; second semester.

Goodnow

UPPER DIVISION COURSES

100. Editorial Writing. Detailed study of editorial writing and paragraphing, and page make-up. Surveys made of representative American newspapers. *Prerequisite:* Journalism 1 and 2.

Two units; first semester.

Goodnow

101 Feature Writing. Practice in creating and writing special newspaper articles and illustrated features. *Prerequisite:* Journalism 100.

Two units; second semester.

Goodnow

105ab. Advanced Advertising. Field, laboratory and trade investigations required. Students may be assigned to downtown business offices for afternoons. *Prerequisite:* Journalism 3 and 4 or their equivalent. Not given 1922-23.

One unit; throughout the year.

Goodnow

108. The Literary Laws of Editing. The preparation of acceptable articles for current literature; the revision of such articles for the press. Editorial leading articles and comments. How to review. Indexing of books, and other features in their preparation. Literary requirements of a thesis.

Two units; first semester.

Dixon

110ab. Advanced Short-Story Writing. Includes general magazine work; assignments by instructor; consultation and private criticism of manuscripts. *Prerequisite:* Journalism 10 and 11 or their equivalent. Not given 1922-23.

One unit; throughout the year.

Goodnow

120. History of American Journalism. The early types of newspapers. The origin and development of the American press.

Three units; first semester.

Thompson

LATIN

Professor Brown; Assistant Professor Tilroe

LOWER DIVISION COURSES

1ab. Elementary Latin. A course in forms and syntax, followed by the reading of simple prose and selections from Caesar. Intended for students who present no Latin for entrance.

Five units; throughout the year.

Tilroe

2ab. Cicero and Virgil. Selected orations of Cicero; Virgil's Aeneid, selections from books I-VI. *Prerequisite:* Latin 1ab, or two years of high school Latin.

Three units; throughout the year.

Tilroe

3. Cicero and Pliny. Cicero, De Senectute; Pliny, Selected Letters. *Prerequisite:* Latin 2ab or at least three years of high school Latin.

Three units; first semester.

Brown

4. Horace and Catullus. Horace, Odes and Epodes; Catullus, Selected Lyrics. Open to students who have completed Latin 3, and to others by special permission.

Three units; second semester.

Brown

5. Latin Syntax. A review of syntax in lectures and written exercises. *Prerequisite:* Latin 2ab, or at least three years of high school Latin.

Two units; first semester.

Brown

6. Latin Prose Composition. Exercises in writing connected prose. *Prerequisite:* Latin 2ab, or at least three years of high school Latin.

Two units; second semester.

Brown

UPPER DIVISION COURSES

107. Latin Comedy. Plautus; Captivi, and either Trinummus or Rudens; Terence, Andria or Phormio.

Three units; first semester.

Tilroe

108. Livy and Tacitus. Livy, Books XXI and XXII; Tacitus, Germania, Agricola or Selections from the Histories.

Three units; second semester.

Tilroe

109. Cicero's Letters. Selected Letters with special study of contemporary events.

Two units; first semester.

Brown

110. Horace's Satires and Epistles. Selected Satires and Epistles, including the Ars Poetica. Not offered 1922-23.

Two units; second semester.

Brown

111. Roman Elegiac Poetry. Selections from Catullus, Tibullus, Propertius, and Ovid. Not offered 1922-23.

Two units; first semester.

Brown

112. Juvenal and Martial. Selections from the Satires of Juvenal and the Epigrams of Martial.

Two units; second semester.

Brown

115ab. Advanced Latin Prose Composition.

One unit; throughout the year.

Brown

English Translations of the Classics. (English 193fg.) The reading of English translations of Greek and Latin masterpieces, accompanied by a study of the historical development and the salient characteristics of important literary types, and some consideration of their influence upon later literature.

Two units; throughout the year.

Brown

GRADUATE COURSES

218. Cicero and Seneca. Selections from the philosophical writings of Cicero and Seneca. Not offered 1922-23.

Two units; first semester.

Brown

219. Prose Writers of the Empire. Selections from Petronius, Pliny the Elder, Quintilian, Suetonius, and Apuleius. Not offered 1922-23.

Two units; second semester.

Brown

221ab. The Latin Seminar. Subject for 1922-23: Lucretius. The *De Rerum Natura* will be read in its entirety. Passages will be selected for critical study and interpretation.

Two units; throughout the year.

Brown

299. The Teaching of Latin. A study of problems and methods.

Two units; first semester.

Tilroe

Undergraduate Major. Twenty-six units, including Latin 3, 4, 5, 6, and 115, exclusive of Course lab. A student may graduate as a Classical Major who presents twenty units of Latin and at least twelve units of Greek.

Undergraduate Minor. Twelve units, exclusive of Course lab, and including Latin 5 or 6, and at least one upper division course.

High School Teacher's Recommendation. An undergraduate major course followed by a minimum of six graduate units in this department, including 299.

MATHEMATICS

Professor Willett; Assistant Professor Steed; Instructor Conn

LOWER DIVISION COURSES

Aab. Plane Geometry. Elementary geometry for students not presenting entrance credit in Plane Geometry.

Three units; throughout the year.

Conn

1ab. Theory of Algebra. A lecture and text book course in college algebra.

Three units; throughout the year.

Willett

2. Solid and Spherical Geometry. The fundamental propositions of the Euclidean geometry of space.

Three units; first semester.

Conn

3. Trigonometry. Plane trigonometry and its applications, and logarithms.

Three units; first semester, repeated the second semester.

Steed, Conn

4ab. Algebra. A rapid review of elementary algebra and a study of the usual topics of college algebra. This course is planned especially for students in Engineering. Students with credit in Math. 1ab may not receive credit for this course.

Three units, first semester; two units, second semester.

Willett

5. Advanced Trigonometry. Advanced plane trigonometry and spherical trigonometry. This course is planned especially for students in Engineering. *Prerequisite:* Course 3, or entrance Trigonometry.

Two units; first semester.

Willett

6. Plane Analytic Geometry. The analytic geometry of the straight line, the circle, and the conic sections, including a brief discussion of the general equation of the second degree and some special examples in higher loci. *Prerequisite:* Course 3, or entrance trigonometry.

Three units; second semester.

Steed, Willett

7. Differential Calculus. Development of the fundamental principles and formulas, and applications to various problems in geometry and analysis. *Prerequisite:* Course 6.

Three units; first semester.

Steed

9. Mathematical Theory of Investment. A brief review of topics needed for the main theory, and then a careful study of interest, annuities, amortization, valuation of bonds, sinking funds, building and loan associations, life annuities and

life insurance. This course is planned especially for students in Commerce. *Prerequisite:* At least one and one-half years of high school algebra.

Five units; first semester.

Steed

UPPER DIVISION COURSES

108. Integral Calculus. The general principles of the integral calculus are developed, and the usual applications made to centers of gravity, to moments of inertia, and especially to geometry. *Prerequisite:* Course 7.

Three units; second semester.

Steed

111ab. Analytical Mechanics. The mathematical treatment of statics, kinematics, and dynamics. *Prerequisite:* Courses 7 and 108.

Three units, first semester; two units, second semester.

Lawrence

113. Synthetic Projective Geometry. The course in Synthetic Projective Geometry aims to give the student an introduction to some of the methods and results of modern synthetic geometry. In general the development will follow that given by Reye in the earlier parts of his "Die Geometrie der Lage." The theorems of Pascal and Brianchon are proved and numerous applications made to the theory of conic sections. Other topics that are treated are pole and polar theory of the conic, involution, ruled surfaces of the second order, and the plane unicursal cubic.

Two units; first semester.

Steed

114. Plane Algebraic Curves. This course aims to give an introduction to that wide field of modern geometry included in the study of plane algebraic curves. Among the topics studied are: Singular points, curve-tracing, tangential equations and Plücker's formulae, numerous applications being made to cubics and quartics.

Two units; second semester.

Steed

115. Theory of Numbers. An introduction to the Theory of Numbers. The topics studied are: Elementary properties of numbers, the indicator of an integer, elementary properties of congruences, theorems of Fermat and Wilson, primitive roots.

Two units; first semester.

Willett

120ab. Advanced Analytic Geometry and Differential Equations. The analytic geometry is a continuation of Course 6, and includes a brief course in analytic geometry of three dimensions. The course in differential equations is elementary and open to students who have taken Course 108.

Two units; throughout the year.

Steed

GRADUATE COURSES

212ab. Theory of Functions of a Complex Variable. A course covering the usual field, and making use of the methods of both Riemann and Weierstrass, with emphasis on the method of Riemann. (Not given in 1921-22.)

Three units; throughout the year.

Steed

216. Selected Topics in Mathematics. The study of certain phases of advanced mathematics which have points of contact with the elementary field. Selections made from the following topics: The foundations of geometry, modern pure geometry, non-Euclidean geometry, the fundamental propositions of algebra, the algebraic equation, the function concept and the fundamental notions of the calculus, the theory of numbers, constructions with ruler and compasses, the history and transcendence of pi.

Two units; second semester.

Willett

299. Teachers' Course. A study of the methods of presenting elementary algebra and geometry for those preparing to teach mathematics in secondary schools. Assigned readings and reports.

Two units, first semester; repeated the second semester.

Willett

Major Work. Thirty semester units, not including Course A.

Minor Work. Twelve semester units, not including Course A and including Courses 7 and 108.

Teaching Minor. Courses 1, 7, and 108.

Teaching Major. (Undergraduate.) Courses 1, 2, 3, 5, 6, 7, 108, and eight units selected from Courses 113, 114, 115, 120, or 216. (Graduate.) For inexperienced teachers, Course 299.

MUSIC

Professors Wagner, Pemberton, Howell; Instructor Perkins

The requirements for the combination of the Degree of Bachelor of Arts, the Elementary School Certificate and the Special Secondary School Certificate in Music may be summarized as follows:

(a) 94 units of undergraduate work in the College of Liberal Arts, exclusive of any units in music. This work must include the requirements for the A.B. degree, with the following modifications: (a) A major requirement of 24 units. (b) An upper division requirement of 24 units.

(b) The course in Public School Music in the College of Music. The units in Education listed in this course may be taken in the 94 units required in the College of Liberal Arts.

Credit towards the A.B. degree will be given for the courses in music listed below, subject to the following conditions: (1) A freshman may receive credit for not more than three units in music a semester; a sophomore for not more than five units a semester. (2) Not more than 24 units in music may be counted towards the 124 units required for the A.B. degree. (3) Of the 24 units allowed, not more than 12 units may be in advanced applied music.

A special fee is required for each of the following courses:

LOWER DIVISION COURSES

1ab. Sight Singing, Elementary. Elements of notation. Tone and rhythm thinking. Terminology. Individual and class singing at sight of music of moderate difficulty. Three hours a week.

One unit; throughout the year.

Wagner

2ab. Ear Training, Elementary. This work involves recognition and reproduction of melodies, rhythms, intervals and chords. Four hours a week.

One unit; throughout the year.

Perkins

3ab. History and Appreciation. Primitive music. Music of the Greeks. Mediaeval music. Church music and the folk song. The Renaissance and Reformation. The Classic Period. Italian and French opera. The Romantic Period. Development of the Art Song, the pianoforte and its music, the orchestra and new forms.

Two units; throughout the year.

Wagner

4ab. Theory. Acoustics, the orchestra, rhythm, notation, musical terms, embellishments, phrasing, etc.

Two units; throughout the year.

Pemberton

5ab. Sight Singing, Advanced. Individual and class singing at sight of one, two, three and four part music. Reading of difficult choruses and selections from standard operas and oratorios. Three hours a week.

One unit; throughout the year.

Wagner

6ab. Harmony. Tone thinking, ear training. Intervals developed from overtone basis. Scales. Intervals in scale relation, chord structure, keyboard application, chord relationship. Tonic and dominant seventh harmonies and their inversions. Cadences. Elementary form. Harmonization of simple melodies by section and phrase. Embellishing tones. The subdominant harmony.

Three units; throughout the year.

Perkins

7ab. Harmony. Completion of the remaining diatonic harmonics and their inversions. Simple modulations to nearby related keys. Harmonization of melodies. Simple piano accompaniments. Keyboard work. Chromatic harmonies. Modulations through common chord and common tone. Original melodies involving these problems. Keyboard sequences and modulations.

Three units; throughout the year.

Howell

UPPER DIVISION COURSES

100. Harmony. The augmented sixth and neapolitan sixth. Advanced modulation. Harmonization of difficult melodies. Creative work. Discussion and illustration of various phases of modern harmony.

Three units; first semester.

Howell

101. Ear Training, Advanced. The advanced work in ear training includes harmonic material. Students respond orally by syllable and with written staff notation. Four hours a week.

One unit; first semester.

Howell

110. History and Appreciation. Modern music. Growth of nationalism in music. The various schools. The operatic revolution. Impressionism, new harmonic technic, and modern polyphony.

Two units; second semester.

Wagner

103. Counterpoint. Single counterpoint in all orders, two, three and four voices.

Two units; second semester.

Pemberton

Advanced Applied Music (Voice or Instrumental). Two lessons a week for one semester, two units. One lesson a week for one semester, one unit. Maximum credit, twelve units.

ORIENTAL LANGUAGES

Professor Hedley

2ab. Japanese Colloquial. Grammar of the spoken language, with exercises. Study of the Romaji system of transliteration.

Three units; throughout the year.

3ab. Chinese Mandarin Language. An introduction to the language spoken by three-fourths of the Chinese people, sufficient to enable the new arrival to use those common expressions which he will most need on his arrival in the country.

Three units; throughout the year.

Hedley

PHILOSOPHY

Professor Flewelling; Instructor Beardslee

Psychology 1 is a prerequisite for all upper division courses in Philosophy. Education 200 and 201, Sociology 200 and 201 will be accepted as credit toward a major in Philosophy.

LOWER DIVISION COURSES

1. Problems of College Life. How to study, the choice of a college course, the use of the library, collateral reading, traditions, principles of success and leadership. Advised for freshmen and sophomores.

One unit; first semester.

Flewelling

2. Introduction to the Problems and Scope of Philosophy. An elementary study introducing the student to the problems, terminology, and field of philosophy.

One unit; second semester.

Flewelling

51. Logic. The requirements and fallacies of formal logic and the elementary principles of thought and knowledge.
Prerequisite: Philosophy 2.

Three units; first semester.

Beardslee

52. Ethics. The general nature of moral conduct, current ethical theories and the application to practical life.
Prerequisite: Philosophy 2.

Three units; second semester.

Beardslee

UPPER DIVISION COURSES

101ab. History of Philosophy. The leading systems of thought from the time of the early Greeks to the present.
Prerequisite: Philosophy 2 or Psychology 1.

Three units; throughout the year.

Flewelling

102. Theory of Thought and Knowledge. The nature, origin and validity of knowledge, critical and constructive.
Prerequisite: Philosophy 101ab.

Three units; first semester.

Beardslee

103. Metaphysics. The theory of being, reality, the world, self, and God. *Prerequisite:* Philosophy 101ab or 102.

Three units; second semester.

Beardslee

120. Theism and the Philosophy of Religion. An examination of the leading theories offered in explanation of the ultimate nature of reality. *Prerequisite:* Philosophy 2 or 51.

Two units; second semester.

Healy

140ab. Oriental Philosophies and Religions. During the first semester the philosophical systems of the East, partic-

ularly of Hindustan, will be studied. In the second semester attention will be devoted to the religions of Asia, and their literary expression in such records as the Bhagavad Gita, or "Song Divine" and the Koran.

Two units; throughout the year.

Dixon

150ab. Philosophical Movements in Literature. The Greek philosophies of life and their reappearance in literature ancient and modern. Lectures, readings, and themes. *Prerequisites:* Philosophy 101ab, English 20fg, or History 1ab.

Three units; throughout the year.

Flewelling

151ab. Contemporary Thought. In the first semester, Bergson and neo-realism, in the second semester, other leading contemporary philosophers. Lectures, assigned readings and themes. *Prerequisite:* Philosophy 102 or 103.

Three units; throughout the year.

Flewelling

160. Personalism. Personality as the foundation of perception and thought, the ground of being, and the relation of personalism to other systems. Not given 1922.

Two units; summer session.

Flewelling

201ab. The History of Thought. Special reference will be given to the development of the personalistic idea, the relation to Christian origins, and present philosophical development. Continuous course open to Seniors and Graduates. Readings and special themes. *Prerequisite:* Philosophy 101ab.

Three units; throughout the year.

Flewelling

Major Work. Thirty semester units.

Minor Work. Twelve semester units.

PHYSICAL EDUCATION

Professor LaPorte; Associate Professor Berryman; Assistant Professors Williams, Lee; Head Coach Henderson; Track Coach Cromwell; Assistant Football Coach Hunter; Medical Examiners and Advisers Moody, Brown; Lecturer Caldwell

All freshmen and sophomores spend a minimum of two hours per week in some form of gymnastics or athletics, the form to be determined by examinations, efficiency tests, and consultation with instructors. Those satisfying required physical prerequisites are permitted to elect any form of organized athletics (either varsity or intramural) desired, in place of General Gymnastics. Students who are unable to satisfy departmental requirements as to posture, general health, and physical development at the end of the sophomore year are required to continue the work until the required standards are met.

Students majoring in Physical Education are required to take the following courses in other departments: Biology 1 (Personal Hygiene), Biology 2 (Sanitary Science), Psychology 107 (Child Psychology), Sociology 110 (The Play Movement), Sociology 111 (The Supervision of Play), Zoology 2L (Physiology), Zoology 107L (Mammalian Anatomy).

Students majoring in Physical Education are strongly urged to elect the following courses in other departments: Biology 101L (General Bacteriology), Chemistry 1b and 1bL (Inorganic Chemistry), Home Economics 114ab (Dietetics), Public Speaking 5 (Public Speaking), Physics 1ab (Elementary Physics), Sociology 109 (The Sociology of Play), Sociology 112 (Social Uses of Leisure Time), Sociology 120 (Community Organization).

1ab. Freshman Gymnastics. Separate sections for men and women. The practical work two hours each week includes corrective and postural work, general gymnastics, and class athletics. The theory work, one day a week, covers the nature and purpose of the physical education work, personal and special hygiene, first aid, etc. Men who report for Freshman Athletic squads will attend the theory class, and will complete the semester before or after the athletic season in some other practical class to secure credit.

2ab. Sophomore Gymnastics. Minimum of two hours per week throughout the year; one unit each semester. Separate sections for men and women. A. Athletics (Interscholastic), B. Boxing (men), G. Advanced Gym., O. Outdoor Sports, S. Swimming, T. Tumbling (men), W. Wrestling (men).

15. Principles of Physical Education. The underlying principles of organization, classification, leadership, and administration of physical training work. Special attention given to general health problems, eugenics, the need of reforms in physical education. Study and comparison of systems, history of the movement, relation of physical education to other educational activities. An introduction to other courses in the department.

Two units; first semester.

LaPorte

16. First Aid. Emergency treatment of fainting, shock, wounds, hemorrhage, unconsciousness, sprains, dislocations, fractures, poisons, drowning, etc. Method and content of Hygiene teaching.

Two units; second semester.

Lee

22. Elementary Folk Dancing. A practical study of folk dances arranged to meet needs of schools and playgrounds. Special attention given to methods of presentation. Two hours per week.

One unit; first semester.

Williams

23. Advanced Folk Dancing. Advanced folk and national dances intended for secondary school purposes, festivals, and pageants. *Prerequisite:* Course 22 or its equivalent. Two hours per week.

One unit; second semester.

Williams

24. Elementary Aesthetic Dancing. Fundamental principles of aesthetic technique. Two hours per week.

One unit; first semester.

Williams

25. Advanced Aesthetic Dancing. Continuation of Course 24, which is a prerequisite. Advanced aesthetic work for high schools and clubs. Two hours per week.

One unit; second semester.

Williams

UPPER DIVISION COURSES

102. Organization of Recreation Program. Methods of organizing and conducting social and recreational activities in churches, clubs, and other organizations. Social programs; organized recreational activities. A general social recreation training course for religious and social workers.

Two units; second semester.

LaPorte

104. Human Anatomy. Study of texts, and demonstrations of skeletons, charts, mannikin, cadaver, and living models. *Prerequisite:* Zoology 107L.

Five units; first semester.

Williams

106. Applied Methods in Formal Activities. A normal course in methods of conducting postural instruction, marching and gymnastic drills, and special corrective exercises. Sample lessons are taught under the direct supervision of the instructor, and constant practice teaching provided.

Two units; first semester.

LaPorte and Staff

107. Applied Methods in Play Activities. A continuation of Course 106, which is prerequisite. Methods of organizing and conducting massed athletics, rhythmic games, folk dancing, graded games, light apparatus, heavy apparatus, combative activities, swimming, and outing activities. Sample lessons and practice teaching as above.

Two units; second semester.

LaPorte and Staff

111. Physiology of Exercise. A study of the direct effect of exercise of various kinds on health, considering heat, combustion, fatigue, breathlessness, exhaustion, overwork. Special attention given to training athletes.

Two units; first semester.

LaPorte

112. Applied Anatomy and Kinesiology. A practical study of the muscular mechanism of the human body showing the action of the various groups of muscles in determining posture, and an analysis of their actions in gymnastic movements, games and athletics, industrial occupations. *Prerequisite:* Course 104.

Two units; second semester.

LaPorte

115. Physical Examinations (Structural). Methods of conducting physical examinations and tests for purpose of determining classification of pupils for regular or special activities; tests for abnormalities, posture, sight and hearing. Prescription of exercise.

Three units; first semester.

Berryman

116. Physical Examinations (Functional). Examination of heart, lungs, abdominal organs, etc., for signs of weakness.

Three units; second semester.

Williams

120. Health Supervision and Growth Control. Methods of supervising personal health habits of school children; inspecting for contagious diseases, skin and scalp infections, defects of eyes, nose, throat, and teeth; inspecting sanitary conditions of school plant; making seat adjustments.

Three units; second semester.

Berryman

125. Organization and Administration of Physical Education Department. Planning and constructing the gymnasium, arrangement and care of equipment; care and administration of courts, fields, buildings; organization of staff, leaders; programs, schedules.

Two units; second semester.

Berryman

130. Coaching Methods. A training course for athletic coaches considering coaching principles and methods for football, basketball, track, baseball, tennis, etc. Separate sections for men and women.

One unit; second semester.

Lee and Williams

135. Massage and Corrective Gymnastics. Theory and practice of massage, with clinical experience. Practice in use of corrective gymnastics for physical defects.

Two units; second semester.

Williams

140. Boy Scout Activities. Scoutmaster's training course. Nature and content of Boy Scout program. Organization and administration of Scout Troops.

One unit; second semester.

Lee

141. Campfire Girls' Activities. Nature and content of the Campfire program, with practice in the conduct of activities. One unit; second semester. ()

144. Boys' Work Methods. Methods of organizing and conducting boys' groups in clubs, Sunday Schools, Y. M. C. A. Charting the boy. One unit; second semester. Caldwell

151. Practice Teaching. Four units of practice teaching in public schools or the University high school are required of all applicants for the California certificates.

160. Growth Divergences. A course emphasizing growth deviations and defects; the divergencies of the child from the normal. Two units; first semester. Williams

199. Theory of Teaching and Leadership. A teachers' course in the fundamentals of teaching, class organization, discipline, and leadership of activities. Two units; first semester. LaPorte

Major in Physical Education. A minimum of thirty semester units; course to be arranged with the head of the department.

Minor in Physical Education. A minimum of twelve semester units; course to be arranged with the head of the department.

Special Certificate Courses. The University is authorized by the State of California to issue the following teachers' certificates:

(a) **General Physical Education Certificate (Secondary Grade).** A four-year course with major in Physical Education. This certificate entitles holder to teach all forms of physical education in elementary or high schools. The course must include the following:

1. Four years' practical experience in physical training activities in Courses 1 and 2, averaging 6 hours a week for first two years, and ten hours a week for last two years.

2. Foundation Sciences (anatomy, physiology, hygiene, sanitation, and prerequisites)—35 units.

3. Physical Education Theory and Procedure (Courses 15, 16, 22, 23, 24, 25, 104, 106, 107, 109, 110, 111, 112, 113, 115, 116, 120, 125, 135, 151, 160)—35 units.

4. Educational courses and practice teaching (part of which is included in physical theory)—12 units.

5. General College Requirements (English, Science, Foreign Language, Psychology, History, Economics, Bible)—34-44 units.

(b) **General Physical Education Certificate (Elementary Grade).** A three-year course similar to the Secondary Course, but with several modifications. This certificate entitles holder to teach all forms of physical education in elementary schools only. Students desiring this certificate should confer with the head of the department for details.

(c) **Limited Certificate (Secondary Grade).** A shorter course, with minor in physical education. Certificate entitles holder to teach **activities** only. The course must include the following:

Psychology, 3 hours; **Biology**, 5-8 hours; **Human Physiology**, 3 hours; **Child Psychology**, 3 hours; **Theory of Teaching**, 3 hours; **Personal Hygiene and First Aid**, 2 hours; **Organization of Physical Education Program**, 2 hours; **Special Physical Education Methods**, 2 hours; **Participation in Physical Education activities**, 6 hours; **Practice Teaching**, 1 hour. For details of the course confer with the head of the department.

Certificate and Diploma Courses for Church Recreation Directors. These courses are established because of the great demand for trained recreation leaders for church work:

Course I. Certificate as Church Recreation Leader. Minor in Physical Education, including following courses: 1, 2, 15, 16, 102, 106, 107, 110, 140. Also ten (10) units in Religious Education (to be arranged) and related courses in Biology, Psychology, and Sociology.

Course II. Diploma as Church Recreation Director. Constitutes major in Physical Education when preceded by Course I, which is prerequisite. Includes additional Physical Education courses 109, 113, 120, 130, and further participation in activities. Also eight (8) units additional Religious Education courses and further related courses in Biology, Sociology, and Education. For details confer with the head of the department.

PHYSICS

Professor Nye; Assistant Professor Clark; Instructor Broadwell

For additional courses in theoretical and applied Physics see courses in Civil, Electrical, and Mechanical Engineering.

LOWER DIVISION COURSES

1ab. General Elementary Physics. A course intended for those who have not studied high school physics. Lectures,

recitations, demonstrations and laboratory exercises dealing with the principles and applications of physics. Recommended for non-technical students. Class work three hours per week, laboratory work three hours per week.

Three units; throughout the year.

1abL. General laboratory courses to accompany lab. One unit; throughout the year.

2. Mechanics. Lectures and recitations. Three units; first semester.

3L. Mechanics. Laboratory course. Three hours during one afternoon of each week. One unit; first semester.

4. Heat. Lectures and recitations. Two units; first semester.

5L. Heat. Laboratory course. Three hours during one afternoon of each week. One unit; first semester.

6. Electricity. Lectures and recitations. Three units; second semester.

7L. Electricity. Laboratory course. Three hours during one afternoon of each week. One unit; second semester.

8. Light. Lectures and recitations. Two units; second semester.

9L. Light. Laboratory course. Three hours during one afternoon of each week. One unit; second semester.

Note—Courses 2 to 9, inclusive, require a knowledge of high school physics and trigonometry. They are recommended for students pursuing scientific or technical studies. In the laboratory courses, instruction sheets prepared by the department are the basis for the work. The experimental work performed by the students is similar to that described in Millikan's "Mechanics, Molecular Physics and Heat" and Miller's "Laboratory Physics." Courses 3 and 5 may be taken coincidentally, half of the time being spent on each, and half credit received. The same is true of Courses 7 and 9.

50ab. Pre-Medical Physics. A course similar to course 1ab but adapted especially for those preparing for the study of medicine. Three units; throughout the year.

50abL. A laboratory course to accompany 50ab. One unit; throughout the year.

UPPER DIVISION COURSES

107L. Electrical Measurements. A laboratory course in which the theory and methods of exact electrical determination are taken up, including the determination of resistance by various methods, galvanometer constants, the measurement of current and electromotive force, insulation tests, hysteresis and permeability tests, the calibration of instruments, etc. Six periods each week.

Two units; either semester.

108. Physical Optics. Study of theories of refraction and reflection, diffraction, interference, polarization, relativity, electron theory, etc.

Two or three units; first semester.

109L. Advanced Light Laboratory. To accompany course 108.

One unit; either semester.

110. Sound. General principles, theory of vowel sounds, construction of musical instruments, architectural acoustics. Two units; first semester. Not given in 1922-23.

111L. Physical Measurements. To accompany course 110
One unit; first semester.

112. Photometry and Illumination. Lectures and recitations. A study is made of the physiological and physical phenomena of artificial illumination, methods of measurement, types of photometers, types of illuminants and their characteristics, reflectors, and the principles of interior and street illumination.

Three units; first semester.

113L. Photometry. A laboratory course to accompany Physics 112.

One or two units; first or second semester.

114. Geometrical Optics. Study of lenses, mirrors and prisms. Optical systems. Aberrations. Design of optical instruments, especially military instruments used in gun-fire control.

Three units; second semester.

116. Physics of the Air. A course of lectures, recitations and demonstrations dealing with atmospheric temperature phenomena, composition, and circulation; hygrometry; storms; electrical phenomena; elementary atmospheric optics; and factors of climatic control.

Three units; first semester.

118. Kinetic Theory. An introduction to the method of statistical mechanics as used in the derivation of relations between various gas and liquid constants. *Prerequisites:* General Physics and Calculus.

Two units; second semester.

120. Descriptive Astronomy. A course in general astronomy intended to give the student a physical picture of the universe. Time is also given to discussion of constitution of the sun, habitability of the planets and other problems of general interest. *Prerequisites:* General Physics and Trigonometry.

Three units; first semester.

126. Electricity. An advanced course in the principles and theorems of electricity. *Prerequisite:* Physics 6.

Two units; second semester.

127L. Physical Measurements. Laboratory course to accompany 126.

One unit; second semester.

GRADUATE COURSES

299. Teachers' Course. Lectures and discussions of methods of presenting and teaching various parts of Physics; and the equipment and management of the laboratory.

Two units; second semester.

216. Advanced Electrical Theory. A course dealing with modern theories of electricity and the structure of matter.

Two units; second semester.

218. Ions, Electrons, and Radiations. A course dealing with vacuum tube phenomena, ionization and allied topics.

Three units; first semester. Not given 1922-23.

219L. Laboratory course to accompany course 218.

One unit; first semester.

Major Work. Thirty units in Physics, of which six may be in Engineering.

Minor Work. Twelve units, including at least six units of upper division work.

High School Teacher's Certificate. The candidate must complete the equivalent of a major and, in addition, eight units of advanced work, including course 299. He must demonstrate his ability to pursue methods of thinking and experimenting, which are in accord with modern scientific investigation.

POLITICAL SCIENCE

Professor Malcom; Assistant Professor Harley; Lecturer Inui

LOWER DIVISION COURSES

1ab. Introduction to Political Science. The historic origin of political science; theories of the State; the nature of sovereignty; the structure and province of government. Lectures, reading, reports.

Two units; throughout the year.

Malcom

2ab. Elementary Law. A study of elementary law, involving the use of a textbook, lectures, cases, and special readings. Designed specially for those students who, though not intending to enter the legal profession, desire to have an elementary knowledge of law.

Two units; throughout the year.

McClean

UPPER DIVISION COURSES

100ab. International Law and Relations. A course designed to acquaint the student with the general principles of international law; discussion of current international events; study of the diplomatic and consular service. Class debates on selected topics.

Two units; throughout the year.

Harley

101ab. Parties and Governments of Europe. A study of the governments and present political parties and problems of the principal European countries; a comparison of European methods with those of the United States. Graduate credit is granted for this course.

Two units; throughout the year.

Harley

105. The Political Institutions of China. A development of the study in Chinese history and civilization. The land and the people; family, village and county government under the Empire. Modern China, following the establishment of the Republic; the new Constitution; customs and civil services; the educational developments; the foreigner in China and questions of extra-territoriality.

Two units; second semester.

Hedley

106. The Government of England. A study of origin, development and working of English government with particular attention to principles carried over to the United States. (Not given in 1922-23.)

Two units.

107ab. Municipal Government. The rise and growth of the modern city. Chief emphasis is placed on American

municipal government. Political, administrative and social problems discussed.

Two units; throughout the year.

Malcom

116. Pacific and Far Eastern Questions. American and European interests in the Far East. Balance of power. Spheres of influence. China in revolution. Rise of Japan. The Far East and the World War and peace. The Washington Conference. (Not given in 1922-23.)

119. State and Local Government. A study of state and local government in the United States, with special emphasis upon California. The state legislature, state executive, and other state officials. Study of county government. Reports and class room discussion.

Three units; first semester, repeated the second.

Malcom

120ab. International Organization. An historical study of the attempts at international cooperation, including the Achaean League of the Greeks, the Holy Alliance, the Pan-American Conferences, The Hague Conferences, the League of Nations, the Washington Conference on the Limitation of Armament and Far Eastern Questions, and the Permanent Court of International Justice.

Two units; throughout the year.

Harley

125. American Political Parties and Practical Politics. The formation of political parties in the United States; the parties in operation, nomination and election of the president; methods of representation and voting; the importance of parties in the governmental system of the United States.

Three units; first semester, repeated second semester.

Malcom

130ab. American Constitutional Law. Study of the leading cases involving the constitution of the United States with the view of discovering how the original document has been expanded by judicial interpretation. Consideration of the federal and state judicial systems as they involve the federal constitution. Designed to supplement the course on American Government, 200ab. (Open to pre-legal sophomores.)

Three units; throughout the year.

Harley

200ab. American Government. A study of national government in actual operation. Special attention given to the practical administration of government. Lectures, reports, and special investigations.

Three units; throughout the year.

Malcom

Major Work, Thirty semester units, one-half of which must be in upper division courses. In meeting the requirement for the major, courses may be chosen, with the approval

of the department, from other fields, particularly the fields of History and Economics.

Minor Work. Twelve semester units, including at least six in upper division courses.

PSYCHOLOGY

Professor Todd; Assistant Professor Cummins

Students majoring in Psychology may elect with credit toward a major, Education 132, Religious Education 110, and Sociology 100 and 158.

LOWER DIVISION COURSES

1. General Psychology. Lectures, collateral reading, class-room demonstrations, supplemental elementary experimental work.

Three units, first semester; repeated the second.

Todd, Cummins

4ab. Elementary Experimental Psychology. The purpose of the course is to acquaint the student with the methods of laboratory psychology, thus preparing him for advanced experimental work and at the same time giving him a more intimate knowledge of the facts and principles of general psychology.

Three units; throughout the year.

Todd and assistants

6. Introduction to Comparative Psychology. A study of the behavior of animals and organisms lower than man. The instincts and intelligence of animals are given particular study. The purpose of the course is to supplement the general problems of human psychology by drawing from the lower fields. *Prerequisite:* Psychology 1.

Two units; second semester.

UPPER DIVISION COURSES

104. Applied Psychology. Business psychology is represented in the fields of advertising, salesmanship and personnel analysis; medical psychology in suggestion, psychotherapy and psychodiagnosis; legal psychology in the fidelity of report and criminal psychology. Each phase is illustrated by standard tests. *Prerequisite:* Psychology 1.

Two units; first semester.

Todd

107ab. The Principles of Child Psychology. A standard course in the growth and development of the pre-adult mind, leading to a better understanding of the child problems of the home and school. Fundamental in the analysis and

description of the adult mind. An extended study of the psychology of adolescence makes up the greater part of the second semester's work. *Prerequisite*: Psychology 1. Three units; throughout the year. Todd

111. Genetic Psychology. A study of the genesis and evolution of conscious processes and behavior. Types of animal behavior, racial and individual development. *Prerequisite*: Psychology 1. Psychology 6 and 107 are also recommended.

Three units; second semester.

116. Physiological Psychology. The basis of this course is a text and lectures with illustrative experiments. Recommended to psychology major and premedical students. Open to those with Psychology 1 and training in physiology.

Two units; first semester.

Todd

GRADUATE COURSES

205. Seminar. The Psychology of Learning. First semester: the principles and laws of learning and the transfer of training. Second semester: the correlations and individual differences among mental traits. The best-known studies in these fields are the basis of the course.

Two units; throughout the year.

Todd

206. The Theory of Psychological Tests and Measurements. The derivation and reliability of standards. The analysis of normal, subnormal and superior mental types.

Two units; first semester.

Todd

207. An Empirical Study of Standard Psychological Tests. Open to those who have had Course 206 or equivalent. A practicum in the use of standard tests and the interpretation of test results. Supplemented by psychological clinic work.

Two units; second semester.

Todd

208. Psychological Research and Thesis. During the year 1922-1923, research problems as the basis for the degree of Master of Arts in Psychology may be chosen from the following fields: (1) general experimental psychology; (2) psychological tests and statistics; (3) business psychology—advertising or personnel psychology.

Units to be arranged.

Major Work. Thirty units required, including Psychology 4ab or 111, Education 132 and Philosophy 51.

Minor Work. Twelve units.

RELIGION

Professors J. F. Fisher, Healy, Hill, Montgomery, Teeter, Lena L. Fisher, Hedley; Assistant Professors ————; Instructor Price; Lectures McCombs, Oxnam

Biblical Literature and Principles of Religion

Twelve units may be elected with the approval of the head of the Department from Education 102 and 132; History 130 and 131; Physical Education 102; Philosophy 52 and 120; The Church and Its Program 100, 120, 113, 135, 111, and 112; Religious Education 100 and 122; and Sociology 103, 110, 120, 158, and 165.

LOWER DIVISION COURSES

1. Heroes of the Old Testament. A survey course covering the early history of the Hebrew people, tracing the movements of their patriarchal and political leaders, and noting their reflection of developing religious life and belief.

Two units; first semester.

2. The Prophet Reformers of the Old Testament. A study of the various activities of the Hebrew prophets as teachers, preachers, statesmen, and social reformers; their respective contributions to the advancing religious thought of Israel.

Two units; second semester.

3ab. The Life and Teachings of Jesus. A detailed study of the personality; life, and public ministry of Jesus in chronological order. Careful attention will be given to questions concerning his birth, baptism, temptations, miracles, transfiguration, crucifixion and resurrection.

Two units; throughout the year.

UPPER DIVISION COURSES

100. The Religious Development of Early Israel. A study of Israel's early history, outstanding persons, principal events, early religious and moral practices; with especial emphasis upon the emergence and development of ruling ideas to the time of the great prophets. Open to juniors who have not had Bible Literature 1.

Three units; first semester.

102. The Message of the Great Prophets. An historical survey of Israel from the time of Amos to the end of the Old Testament times, with particular stress upon the work and teaching of the great prophets; their unique relation to state, church, social life and development of religion. Open to juniors who have not had Bible Literature 2.

Three units; second semester.

103. The Life and Teachings of Jesus. A study of the life, teachings, work, and significance of Jesus Christ as

viewed in the light of modern scholarship. Special emphasis is laid upon the living authority of Jesus and the ruling ideas of the Sermon on the Mount in sharp contrast with Jewish and Pagan religious ideas. Open to juniors who have not had Bible Literature 3ab.

Three units; first semester.

104. The Life and Teachings of Paul. A survey of the Apostolic Age; Paul's life and labors; Christianity's conflict with Paganism; and a careful estimate of the teachings in Paul's letters.

Three units; second semester.

105. The Origin and Development of the Bible. History of the formation of canons, of manuscripts, literary styles of various parts, leading types of productions, and tracing of the oldest manuscripts and versions; illustrated by lantern views. *Prerequisite:* Bible Literature 1 and 2, or 3ab.

Two units; first semester.

106. The Social Institutions and Ideals of the Old Testament. A study of Semitic social customs and institutions in their relations to Old Testament interpretations, tracing of social conditions, social progress; causes making for social changes; social elements in religious rites, rituals and festivals of Hebrew Life. *Prerequisite:* Bible Literature 1 and 2, or 100 and 102.

Two units; first semester.

107. The Social Institutions and Ideals of the New Testament. A study of the social customs and institutions of the Graeco-Roman and Jewish world and their bearing upon the Christian movement; a tracing of social and ethical teachings found in the New Testament and a comparison of the social ideals in the teachings of Jesus, Paul and John. *Prerequisite:* Bible Literature 3 or 105.

Two units; second semester.

108. The Poetic Literature of the Old Testament. A study of the poetic grandeur of the book of Psalms; general characteristics, forms and themes of Hebrew poetry; religious and ethical teachings in the poetic books; liturgical use of the Psalms in Israel's worship. Open to seniors and graduates. *Prerequisite:* Bible Literature 1 and 2, or 100 and 102.

Two units; second semester.

109ab. Philosophy of the Christian Religion. A critical study of a selected number of modern standard writings, representative of significant movements in modern and current Christian thought. Open to seniors and graduates.

Two units; throughout the year.

110. The Social and Ethical Teachings of Jesus. A study of the social and ethical principles involved in the teachings of Jesus and their interpretation for modern life; social responsibility, family obligations, relation to the state, care of the poor, protection of the weak, the use and abuse of wealth, treatment of criminals, remedial agencies for social ills. Open to seniors and graduates. *Prerequisite:* Bible Literature 3 or 103.

Three units; first semester.

GRADUATE COURSES

200. Introduction to the Johannine Writings. The Fourth Gospel, the Johannine Epistles, and the Apocalypse will be studied with reference to their content, character, authorship, thought and teaching. *Prerequisite:* Bible Literature 3 or 103.

201. Introduction to the Epistle to the Hebrews and the Pastoral Epistles. The occasion, date, authorship, contents, and teachings of the Epistle to the Hebrews and the Pastoral Epistles. Open to graduates. *Prerequisite:* Bible Literature 104.

Two units; second semester.

202. The Priestly Writings of the Old Testament. The activity, function and teachings of the priestly leaders, and their significance to Hebrew life and development; the character of the Priestly literature of the Old Testament. *Prerequisite:* Bible Literature 1 and 2, or 100 and 102.

Two units; second semester.

203. The Wisdom Teachings of the Old Testament. A study of the form, character, purpose, distribution, and teachings of Israel's wisdom literature with special attention to books of Proverbs, Ecclesiastes, and Job. *Prerequisite:* Bible Literature 1 and 2, or 100 and 102.

Two units; second semester.

204ab. Seminar: Contemporary Religious Thought. Related groups of contemporary religious problems will be selected and critically studied, taken from the most representative and recognized sources.

Two units; throughout the year.

Major: Thirty units selected with the advice of the head of the department. Of this amount eighteen units shall be taken from the Biblical Literature courses and the remaining units to complete the major may be chosen from the courses cross listed above from other departments.

Religious Education

UPPER DIVISION COURSES

100. An Introduction to the Study of Religious Education. A general introduction to the scientific study of Religious Education. The course is designed to equip the student with an intelligent approach to those aspects of the subject which involve psychology, curriculum, method, organization and history. The use of a scientific method of procedure in studying the problems involved in the teaching of religion. Three units; first semester.

101. History of Religious Education. Survey of the historical background of modern religious education. The Raikes movement. Development of the Sunday School in America. Denominational and other overhead educational agencies of the Church. Vacation and week-day church school movements. Three units; first semester.

110. The Psychology of Religion. Psychological factors in religious experience. Evolution of religious consciousness in the race. The psychology of religious groups. The phenomena of religious awakening and conversion. Normal religious growth. Forms and functions of religious expression. *Prerequisite:* Psychology 1. Three units; second semester.

120. The Religious Education of Children. A study of the religious capacities and limitations of childhood. Types of training suited to different ages. Forms of religious expression in the home and the church school. Making the religious motive function in grounding the fundamental virtues. Concrete aims in the building of character and personality. *Prerequisite:* Psychology 1; Religious Education (Psychology of Religion) also recommended. Two units; first semester.

121. The Religious Education of Adolescents. A study of religious development and problems peculiar to adolescence. The new consciousness of self and its religious implications. Religious awakenings. Establishing permanent religious habits and relationships. The grounding of a religious philosophy of life. *Prerequisite:* Psychology 1; Religious Education (Religious Education of Children) also recommended. Two units; second semester.

122. Principles of Teaching Religion. The standardizing of method; the objectives of Religious Education; adapting subject matter to the ends sought. Types of lessons and teaching measures of good instruction. Supervised observation and practice work in class-room method and management. *Prerequisite:* Psychology 1. Three units; second semester.

123. Class-Room Technic for Kindergarten and Primary Classes. A survey of scientific methods of instruction applied to church schools. The use of the story in religious teaching. Visual instruction. Use of dramatic and other forms of expression. Training in worship. *Prerequisite:* Religious Education (Principles of Teaching Religion) or its equivalent in general education method.

Two units; first semester.

124. Class-Room Technic for Junior and Intermediate Classes. The application of the principles of religious teaching to later childhood and early youth. Lesson planning. Story telling. The use of expressional activities. Sociolized class work and supervised study. Preparing for church membership. *Prerequisite:* Psychology 1 and at least one course on principles or method of teaching.

Two units; second semester.

125. Recreational Leadership. The place of play, recreation and social activities in the program of the church. Principles and practice of program making. Detailed study of forms of play, games and other types of recreation suited to church groups. *Prerequisite:* The required physical training of the University and not less than two courses in Religious Education.

Two units; second semester.

GRADUATE COURSES

200. The Curriculum of Moral Religious Education. The new emphasis on the subject matter of religious education. The influence of curriculum contact on individual and national ideas. Function of the religious curriculum in present day reconstruction. The religious curriculum in other nations; the religious curriculum and the future of the church. Practice in curriculum making for particular needs. *Prerequisite:* Not less than four units of English Bible, Psychology 1.

Three units; first semester.

201. Content and Organization of Lesson Materials. Principles involved; types of material for different ages of development; critical and constructive organization of the courses now most commonly employed in church schools; text-books and pamphlet forms of lessons; courses of study material for week-day and vacation schools for religion. (Continuous with 140.) *Prerequisite:* Religious Education 140.

Three units; second semester.

210. Organization and Administration of Religious Education. The principles of educational organization and administration. Prevailing types of organization used by religious bodies. Overhead organizations. Community organization

for week-day, vacation and teacher training schools of the church. *Prerequisite:* Education 101 and at least two courses in Religious Education.

Two units; first semester.

211. Organization and Supervision of a Church School. This course studies specifically the problems involved in organizing and administering the school of an individual church. The setting up of a program. Supervision of curriculum teachings. Problems of grading and promotion. Apply tests of educational efficiency. *Prerequisite:* Education 101 and at least two courses in Religious Education.

220ab. Seminar. A study is made of current problems and movements in the field of religious education, such as week-day church schools, vacation schools, teacher training schools, home training in religion, etc. Intended for directors of religious education and pastors. *Prerequisite:* Four courses in Religious Education or an equivalent. Open on consultation.

Two units; throughout the year.

Major. Twenty hours selected with the advice of the head of the department; and prerequisite or supplemental to this, Bible 6 units; Psychology 1; general education four units.

The Church and Its Program

A major is not offered in this department. A maximum of sixteen units will be credited toward the Bachelor of Arts degree.

UPPER DIVISION COURSES

100. Spread of Christianity. The expansion of Christianity within the Roman Empire from the second to the sixth centuries; persecutions, the rivalry with other religions, the status of Christians socially and politically, the process of centralization and unification, internal developments, the growth of the Church as an institution.

Two units; first semester.

101. History of Modern Religious Development. Christianity and the Christian Church in their adaptations and adjustments to world conditions in the nineteenth and twentieth centuries; outstanding phases of teaching and service as related to modern political, social and industrial life; church life and doctrine as developed under modern conditions.

Two units.

102. History of the Protestant Movement in the United States. Transplanting the Protestant faith from Europe; distinctive modes of polity, life and thought; development of forms of organization and worship, and evangelistic, educational, benevolent and missionary agencies.

Two units.

110. Principles and Methods of Church Administration. Principles and forms of modern church organization and programs, and their successful co-ordination and operation. The relation of the pastor and his staff to general church boards and interdenominational movements.

Three units.

111. The Rural Church. The rural church and the pioneer period in America; changes in rural conditions and the decadence of the church; the awakening of interest in the rural church; the village as the center of religious life; handicaps to rural life progress; labor income of the farmer and church finance; rural attitudes and the church program; the social function of the church; case study of successful country churches.

Two units; second semester.

112. The Urban Church. Its modern development and characteristics; its field in present-day city life; its spirit and program, and co-ordination with religious and welfare agencies.

Two units.

113. The Science of Survey Making and Program Building. This is a study of the essential elements pertaining to the making of a survey, upon which may be based a program of a social, moral, educational or religious nature.

Three units; first semester.

115. Religious Problems of Latin America. A study of the religious thought of the Latin-American people, showing how the religious ideals have influenced their social, ethical, moral, and political reactions.

Three units; first semester.

120. Comparative Studies of World Religions. A study of the existing non-Christian religions with which Christianity comes in contact in its missionary enterprise—Hinduism, Buddhism, Confucianism, Taoism, Shintoism and Mohammedanism.

Three units; throughout the year.

130. History of Early Missions. A study of the nature, universality and purpose of religion, and a comparison of Christianity with the non-Christian religions. The spread

of Christianity throughout the Graeco-Roman world; followed by a survey of the missionary movements which resulted in the winning of Northern Europe. Lectures, reports and readings.

Three units; second semester.

131. History of Modern Missions. A study of the expansion of Christianity since the Reformation. The development and influence of the missionary movements of Protestantism from the time of the Pietists and Moravians to the present. Lectures, assignments and papers.

Three units; second semester.

132. Development of Christianity in the Mediterranean Basin. A study of the development of Christian Missions in Southern Europe and North Africa.

Two units; both semesters.

133. Modern Missions in the Orient. A study of the history, methods, problems, results and prospects of Christian Missions in China, Korea, and Japan.

Three units; second semester.

134. The Rise of the Indian Ocean Civilization and Christian Missions in the Philippine Islands, Southeastern and Southern Asia. Its contacts with native civilizations; and religions; operation of missionary organizations; results in establishment of Christianity and development of a new civilization.

Three units; first semester.

135. Principles and Methods of Missionary Administration. The underlying principles of missions are examined and the practices of the various boards in their work abroad is discussed; also a survey of the peoples to the west is made and the type of message to be presented will be outlined.

Three units; second semester.

140. Personality in Missions. A study of great missionaries; their consecration, preparation, problems, achievements and methods of work.

Two units; second semester.

141. Social Aspects of Foreign Missions. A study of the bearing on missions of the social point of view; the social problems and accomplishments of missions, the social opportunities and tasks awaiting missions, and the social function of the family, the church, and the school in Christianizing society.

Three units; second semester.

SOCIOLOGY AND SOCIAL WORK

Professor Bogardus; Associate Professor Rainwater; Assistant Professors
McClean, Smith, Vincent; Instructor Fesler;
Lecturers Lickley, Bundy

LOWER DIVISION COURSES

1. Introduction to Sociology. A comprehensive study of the human groups, with illustrations drawn from concrete conditions. A course introducing the student to the whole field of sociological phenomena.

Three units; first semester; repeated the second semester.

Rainwater, Smith, Vincent

10. Industrial Sociology. An analysis of labor, the labor group, and labor problems; of necessities, amenities, and luxuries; of standards of living, the cost of living, and of budgeting the cost of living. *Prerequisite:* Sociology 1.

Three units, second semester.

Vincent

12. The Family as a Social Institution. A discussion of the family as the fundamental social unit, of the problems of the modern family and its relation to housing, health, industry, and education. A basic course for all students, similar to Sociology 150, except that this course is designed for freshmen and sophomores. *Prerequisite:* Sociology 1.

Three units; second semester.

Smith

20ab. Elementary Law for Social Workers. Same as Political Science 2ab, except that students who expect to enter the field of professional social work are regularly assigned problems in laws dealing with social work cases.

Two units; throughout the year.

McClean

50. Child Welfare. A survey of the constructive measures, both preventive and remedial, now employed in the conservation of child life, health, education, and play and in the treatment of juvenile delinquency, dependency and labor. A course especially valuable to prospective teachers, playground supervisors and social workers. *Prerequisite:* Sociology 1.

Three units; second semester.

Rainwater

51. Urban Sociology. The social technology of urban communities; city planning, zoning, transportation; health conservation, food and water supplies, housing and communicable diseases; esthetic and social activities; civic and community centers; religious and social service agencies, surveys, exhibits; a basic course for all interested in urban improvements. *Prerequisite:* Sociology 1.

Three units; second semester.

Rainwater

70. The Play Movement. The nature of social movements. The modern social situation and the rise of the play movement. The stages in its evolution in structure and the transitions in its policies and activities. Its present status viewed as a mechanism for the socialization of play. *Prerequisite:* Sophomore standing and Sociology 1.

Two hours; first semester.

Rainwater

80. Introduction to Social Work. A study of the different types of social work, of social welfare agencies, of social work principles and methods, case work, group work and of methods of social treatment. Backgrounds of field work. *Prerequisite:* Sophomore standing and Sociology 1.

Two units; first semester; repeated the second semester.

Rainwater, Fesler

UPPER DIVISION COURSES

100. Fundamentals of Sociology. An introductory course for mature students and those who have been unable to pursue Sociology 1.

Three units; first semester; repeated the second semester.

Rainwater, Smith, Vincent

101. Fundamentals of Social Psychology. An introductory course for upper division and graduate students. Gives the psychological approach. Discusses the social phases of personality, suggestion and imitation, fashion imitation, custom imitation. Presents the social psychology of invention, leadership, the crowd, public opinion, social control, and social progress: *Prerequisite:* Junior standing and Psychology 1.

Three units; first semester; repeated the second semester.

Bogardus

103. Americanization and Immigration. A study of the nature of American traits and ideals, of the European backgrounds of immigration to the United States, of the problems facing the immigrant in becoming Americanized. Attention is given to the process of Americanizing Americans.

Three units; first semester.

Bogardus

105. Prevention of Poverty. The causes and extent of poverty. A constructive analysis of the biological, social, industrial, and political aspects of the problem of the prevention of poverty, viewed as a future achievement of social progress.

Two units; first semester.

Rainwater

110. The Sociology of Play. The scientific theories of play since Spencer. The function of play in personal and group behavior. Its relation to work and art. The age and sex characteristics, social attitudes, and seasonal variations. The drama and dance, songs and rhymes, games and sports, as social heritages; arising in social evolution and conditioning social progress.

Three hours; first semester.

Rainwater

111. The Supervision of Play. A sociological evaluation of the principles of organized group activities on playgrounds and in recreation centers, involving an examination of concrete materials selected from schedules and special programs now used in progressive communities.

Three hours; second semester.

Rainwater

112. Social Uses of Leisure Time. An inventory of current uses of after-school-and-work hours, holidays, and vacations, and an appraisal of their relation to the disorganization and reorganization of personality and society. The topics discussed involve: shortening the working day and the new leisure; commercial amusements and the exploitation of pleasure; the automobile and increased mobility; machine industry and social unrest; wholesome leisure and the permanency of democratic attitudes.

Two hours; second semester. (Not given 1922-23,) Rainwater

113. Social Legislation. The basic theory of social legislation. The technique for securing social legislation. A consideration of social legislation now operative particularly in California, with special reference to needed measures.

Two units; first semester.

McClean

114 Social Treatment of Crime. A study of the causes of crime. Programs for the social treatment of crime including changes in the police system and criminal procedure, modifications in penal and reformatory institutions, the individualization of the delinquent for treatment, limited self-government, probation, parole, etc., will be considered with respect to their relative values for the restoration of the offender. Methods of prevention of crime.

Two units; second semester.

Smith

115. Juvenile Delinquency. The history of methods of dealing with delinquent children, the causes of delinquency

and truancy, the juvenile court, probation, the self-government idea, methods of prevention.

Two units; first semester.

Lickley, Smith

116. Child Welfare. Child problems except the problem of delinquency. Child labor, child health, child illiteracy. Legislation in behalf of child welfare. Similar to Sociology 50, except that this course is for upper division and graduate students.

Two units; second semester.

Lickley

117. Social Surveys and Research. A study of the various methods of research and investigation that can be applied to the study of social phenomena. The technique of the social survey is considered. Training is given in the analysis, organization and presentation of data. This course is of value to those who are preparing theses as well as to those interested in social work. Recommended for sociology majors.

Two units; first semester.

Smith

119. Rural Sociology. The facts and conditions of rural life, the county life movement, the rural church, the rural school, rural fraternal organizations, the Grange, the village as a social unit, rural charity and correction, rural social surveys, the socialization of rural life.

Two units; second semester.

McClellan

120. Community Organization. The social reconstruction of the neighborhood through the organization of the community instead of further multiplication of organizations within the community. The current movement for community self-help and the technic of the "community council"; its motives, membership, officers, committees, constitution, meetings, support and relation to philanthropic agencies and government.

Two units; second semester.

Rainwater

121. Public Health. A study of the public health movement. Public health needs. Hospital social service. The social work of the doctor. Community co-operation for the prevention of diseases.

Two units; second semester.

Lickley, Vincent

134. Educational Sociology. An application of the principles of sociology to the problems of education as found in the school, newspaper, and other institutions for the formation of public opinion.

Two units; first semester.

Vincent, Lickley

136. Social Welfare Activities and Agencies in Los Angeles. A course of lectures and assigned studies on the various types of social service institutions in Los Angeles. De-

signed to aid teachers in meeting the social welfare problems which arise in connection with their school work.

One unit; throughout the year. (Not given 1922-23.)

Smith, Lickley

150. The Family as a Social Institution. An analysis of the different types of domestic institutions, primitive, ancient, and modern. The family in its relation to industry, the school, the church, and the state. Modern family disorganization and disintegration. The future of the family in relation to woman's movement, the eugenics movement, and various radical theories. A basic course for social workers. Not open to students who have credit in Sociology 12.

Three units; first semester.

Smith

155. Eugenics. The following topics are discussed: origin and development of the eugenic movement; principles of human evolution; the laws of heredity; the inheritance of mental capacities; heredity and environment; social heredity; elimination of the socially unfit; increase in the marriage and birth rate of the superior; the eugenic program in relation to various social problems.

Three units; second semester.

Smith

157. Primitive Society. A study of the origin and development of social institutions. The first steps in human progress; the origins of invention, art and decoration, industrial activities and early marriage institutions. This course is designed to give the student acquaintance with the evolutionary character of social processes and to give a background for the study of modern social conditions.

Two units; second semester.

Smith

158. Race Psychology and Ethnology. The physical and mental criteria of race. Classification of races and peoples. Racial differences as seen in mental traits and divergent cultural development. The influence of physical environment, occupation, and isolation. A study of selected groups, such as the Negro, the Jew, and peoples of India. Especially valuable to those intending to do home or foreign missionary work, social settlement work, educational work among foreigners in the United States, and also for those interested in foreign commerce.

Three units; first semester.

Smith

159. Social Psychology of Leadership. The main subjects under investigation will be as follows: Heredity and leadership, environment and leadership, initiative and leadership, tests for measuring leadership ability, leadership among school children, the inventive mind, the genius, leadership in a democracy. *Prerequisite:* Sociology 101.

Three units; second semester.

Bogardus

160. Special Investigation. Special investigation of specific theoretical and field problems.

One or two units; throughout the year.

Bogardus

161. Introductory Social Group Work. Lectures on and training work in dealing with groups in settlements and recreation centers. Leadership, group psychology, schedules for analyzing groups.

Two or three units; first semester. Repeated the second.

Fesler

162. Introductory Social Case Work. Lectures on and training in social case work. The student has a choice of several types of case work in welfare institutions in Los Angeles.

Two or three units; first semester. Repeated the second semester.

Fesler

163. Intermediate Social Case Work. The students are assigned to more advanced types of case work than in Course 162. Discussion of problems. Readings.

Two or three units; first semester. Repeated the second semester.

Fesler

165. Social Work Training for Religious Leaders. Affords training to students who wish to prepare for social service in churches, as missionaries, either home or foreign, as Christian Association workers, or in similar fields. (Not given 1922-23.)

Two units; first semester.

Fesler

167. Methods of Teaching English to Immigrants. An intensive study of technique; training is given in teaching English and civics to immigrants in the adult elementary classes in Los Angeles schools.

Three units; second semester.

Lee

180. Sociological Analysis of Modern Fiction and Poetry. The leading works of fiction which deal with current social problems are critically discussed. The field of social poetry is presented. Social fiction and poetry are judged as agents of social control.

Two units; first semester.

Bundy

181. Sociological Analysis of Modern Drama. Leading Continental, English, and American drama dealing with social problems, such as capital and labor, the family, eugenics, poverty, crime, immigration will be analyzed with reference to their sociological values, and as agents of social control.

Two units; second semester.

Bundy

GRADUATE COURSES

200. History of Sociological Thought. A history of sociological thought since earliest times. A comparative study of the early social writers, and of the leading sociologists of the nineteenth century. Extensive library work.

Two units; first semester.

Bogardus

201. Contemporary Sociological Thought. The contributions of present-day sociologists are considered. Attention is given to the writings of leading social technologists.

Two units; second semester.

Bogardus

210ab. Sociology Journal Club. Reviews and criticisms of the most important articles in current sociological journals, including American, English, French, German, and Italian publications.

One unit; throughout the year.

Bogardus, Vincent

212. Seminar in Sociology. An advanced course, primarily for graduates and students who have completed twenty-five units of sociology credit. Stress is laid upon original research. Critiques of current leading sociological books. Oral reports and written thesis required.

Two units; second semester.

Bogardus

225. Seminar in Social Psychology. An advanced course for graduate students who are prepared to do original research in social psychology.

Two units; first semester.

Bogardus

240ab. Advanced Social Case Work. Practice in the field of social service as administrative assistant or special investigator in connection with a particular agency or movement.

Two or three units; throughout the year. Rainwater, Fesler.

280. Advanced Sociological Research. Highly specialized and technical sociological problems are investigated. For students who have completed Course 212.

Units to be arranged.

Bogardus

299. Methods of Teaching Sociology. The technique of teaching courses in sociology. Comparative merits of text books. Model lessons. A consideration of special teaching problems.

Two units; second semester

Bogardus, Vincent

Major Work for Bachelor's Degree. Thirty semester units, including Sociology 1, or 100, and 101 and 117, 120.

Minor Work for Bachelor's Degree. Twelve semester units, including Sociology 1, or 100, and 101.

Minor Work for High School Teacher's Recommendation. Twelve semester units of which six semester units must be upper division and graduate work.

Minor Work for Master's Degree. Six selected units of graduate work and upper division work.

High School Teacher's Recommendation. An undergraduate "major" course, followed by at least one full year course in Sociology. The entire course should include: 1, Introduction to Sociology or 100, Fundamentals of Sociology; 101, Social Psychology; 112, Social Legislation, or an equivalent; 115, Juvenile Delinquency; 117, Social Surveys, or an equivalent; 120, Community Organization; 134, Educational Sociology; 201, Contemporary Sociological Thought; 299, Methods in Teaching Sociology.

Major Work for Master's Degree. An undergraduate "major" course, followed by at least ten units of graduate work in Sociology, and a thesis. The specific courses include: Sociology 1 or 100, 101, 105, 113, 117, 120, 150, 200, 201, 210, 212.

Journal of Applied Sociology. The results of the best research work that is done in the Department of Sociology will be printed in the Journal of Applied Sociology, which is published by the Southern California Sociological Society and the University of Southern California.

Division of Social Work. The Division of Social Work, organized by the Board of Trustees in 1920, is an integral part of the Department of Sociology and is cooperating with the leading social welfare agencies in Los Angeles. The division offers a Certificate in Social Work to students who fulfill the requirements for the Bachelor of Arts degree, and in addition certain specific requirements; a Diploma in Social Work to the students who complete the work for the degree of Master of Arts and certain specified requirements. The details concerning the Division of Social Work may be secured by writing to the Department of Sociology for a copy of the Division of Social Work bulletin.

SPANISH

Professors Schulz, de Setién, Forrester; Assistant Professor Stilwell;
Instructors M. A. Thompson, M. M. Thompson, Johnson

LOWER DIVISION COURSES

1ab. Elementary Spanish. Careful drill in pronunciation, reading, conversation and writing. The essentials of Spanish. Not credited toward major or minor.

Five units; throughout the year. Nine sections.

Schulz, Forrester, Stilwell, Thompson, Johnson, Arkley

2ab. Intermediate Spanish. Advanced reading, grammar and composition. Collateral reading and reports. *Prerequisite:* Two years of high school Spanish or Spanish lab. Six sections.

Three units; throughout the year.

Schulz, Forrester, Stilwell, Thompson, Johnson

4ab. Oral Drill. Practice in the facile use of simple Spanish. A course strongly recommended to be taken in connection with Spanish 2ab. Five sections.

Two units; throughout the year.

Forrester, Setién, Thompson, Stilwell

5ab. Commercial Spanish. The acquirement of a business vocabulary together with a knowledge of business forms and letters. In the second semester a brief historical background of Spanish-America will be given, followed by a study of social and economic conditions, trade relations, governmental regulations, etc. The completion of this course will satisfy the language requirement for candidates for the degree of Bachelor of Science in Business Administration. *Prerequisite:* Spanish lab.

Three units; throughout the year.

Thompson

UPPER DIVISION COURSES

106ab. Spanish Novels. Selections from the representative types of the XIX and XX centuries. Collateral reading and reports.

Three units; throughout the year.

Schulz

108ab. Advanced Composition. The translation of long selections with particular reference to idiom and style. Intended primarily for junior major students.

Three units; throughout the year.

Setién

112. The Literature of the Golden Age. Reading and discussion of typical dramas of Lope de Vega, Calderón, Tirso de Molina, selections from Cervantes and other representatives of the Siglo de Oro. This course alternates with Spanish 119. Not given in 1922-23.

Setién

113. Modern and Contemporary Prose Literature. Reading and discussion of representative modern prose writers. This course alternates with Spanish 119. Not given in 1922-23.

Setién

114ab. Spanish Conversation. Based on text-book and magazine articles.

Two units; throughout the year.

Setién

115ab. Current Events. Discussions in Spanish of current events with special reference to Spain and Spanish-America.

Two units; throughout the year.

Setién

116. Public Speaking and Oral Interpretation. Study and practice in Spanish in the various forms of public address, and in oral interpretation. Intended for seniors and graduates in the departments both of Commerce and of Religious Education who are contemplating going into the Spanish-American field. *Prerequisites:* Spanish 2ab, 114ab, 115ab, and Public Speaking 5ab.

Three units; second semester.

Teeter

119. The History of Spanish Literature. A rapid survey of the history of Spanish Literature with the interpretations of selections from representative authors, with special reference to poetry.

Two units; throughout the year.

Schulz

120. Spanish Syntax. An advanced study of Spanish Syntax based on Bello Cuervo. A prerequisite of the Teachers' Course and intended primarily for senior major students.

Two units; first semester.

Schulz

GRADUATE COURSES

219. Old Spanish. A study of the development of the Spanish language in the early periods of its history. *Prerequisite:* The equivalent of at least two years high school Latin or Latin lab.

Two units; second semester.

Setién

221. Seminar. The work of the Spanish Seminar is the critical investigation of some selected author or period. In 1922-23 the subject will be some phase of contemporary literature.

Two units; throughout the year.

Setién

223. Castilian Phonetics. A study of the conclusions of Araujo, Josselyn, Colton, and Navarro Tomás.

Two units; first semester.

Setién

299. Teachers' Course. A study of the methods of presenting the four-year high school course in Spanish.

Two units; second semester.

Johnson

Undergraduate Major. Twenty-six semester units, including Courses 2ab, 106ab, 108ab, 112, 113, 119, 120, and exclusive of lab.

Undergraduate Minor. Twelve semester units, six of which must be in upper division courses and exclusive of lab.

High School Teachers' Recommendation. An undergraduate major, followed by a full year course in Spanish, approved by the head of the department, and the departmental Teacher's Course, Spanish 299, if not taken in undergraduate study. Teachers with two or more years of experience may be exempt from a part of the graduate requirements.

SPEECH

Professor Yoder; Associate Professor Blanks; Assistant Professors Wadsworth, Hubbard; Instructors Nichols, Voorhees, Fink

LOWER DIVISION COURSES

1ab. Fundamental Technique of Reading. Consideration of the natural vocal principles governing the intelligent interpretation of the printed page.

Two units; throughout the year.

Voorhees, Fink

2ab. Voice and Diction. This course is devoted to the freeing of the vocal instrument. Consideration of the problems of breath control, relaxation, resonance, inflectional agility, distinct articulation and correct pronunciation.

One unit; throughout the year.

Wadsworth

5ab. Elementary Public Speaking. Consideration of the various forms of public address, with platform exercise throughout the course. Rapid formulation of thought and its effective presentation are required.

Two units; throughout the year.

Blanks, Hubbard, Fink, Nichols

10ab. Educational Dramatics. Interpretation of the drama from the acting viewpoint including life study, dramatic law and stage technique.

Two units; throughout the year.

Voorhees

12ab. Advanced Public Speaking. A practical course in the construction and delivery of speech materials. Designed to meet the needs of those who have specific problems and conditions to prepare for, and will set forth concretely the simplest and most fundamental methods that lead to a satisfactory presentation of thought. *Prerequisite:* lab or 5ab, or equivalent.

Two units; throughout the year.

Blanks, Fink

UPPER DIVISION COURSES

101ab. Art of Interpretation. Intensive study of the various forms of poetry; selections from Coleridge, Wordsworth, Keats, Shelley, Tennyson, Rosetti, and Browning.

Two units; throughout the year.

Yoder

103ab. Forms of Public Address. A continuation of Course 12ab with added emphasis on the technical training in the composition and delivery of original speeches. Drill in all forms of forensic address. Study of current movements with speeches related thereto. Lectures upon the technique of oratory with close study of great orations. All interested in oratorical contests are advised to take this course. *Prerequisite:* 12 or its equivalent.

Two units; throughout the year.

Blanks

104ab. Advanced Dramatics. Advanced study in the technique of acting from the point of both actor and director. Practical work in play direction, scenic investiture, lighting, make-up, costume, etc. *Prerequisite:* 10.

Two units; throughout the year.

Hubbard

105ab. Argumentation and Debate. The course is designed to give the student greater power in reasoning and to make him alert in the oral formation of his constructive and destructive judgment on the leading questions of the day.

Two units; throughout the year.

Nichols

106ab. Advanced Debate. This course elaborates the principles of argumentation and debate, applies them to questions of the day and gives constant practical drill in the art of debate.

Two units; throughout the year.

Nichols

202ab. Public Speaking and Debate Seminar. A study of the problems, methods, materials and bibliography of public speaking and debate combined with actual demonstration and practice. The course is designed to furnish a comprehensive background for advanced students in speech arts and for those who intend to teach these subjects.

Two units; throughout the year.

Blanks

COURSES IN ENGINEERING AND ARCHITECTURE

In offering these courses the aim of the University of Southern California is to provide, in addition to a thorough training in mathematics, physics and the basic principles of the various branches, a broad general education which will qualify the engineer to take his proper place in civil and social affairs. To this end students are expected to take an active part in college activities and to receive training in public debate and speaking, to become proficient in the use of the English language and cosmopolitan in both thought and action.

The elective studies provided for in the following schedules are subject to the approval of the head of the department in which the student's major work is done, and, in general, should not be technical subjects in that department.

ARCHITECTURE

The University offers a four-year general course leading to the degree of B.S. in architecture. In the curriculum the essentials of a liberal education are provided with as much specific training in freehand drawing, design, history of architecture, and construction, as a four-year course will permit. This plan of study recognizes that architecture is essentially a fine art, the practice of which necessitates a broad knowledge of structural and building equipment engineering, and that design is the most essential subject in preparing students for the profession.

The department is equipped with well lighted drafting rooms and a library of architectural books, lantern slides, and general reference material. There is an ample number of casts for the work in freehand drawing. All subjects in construction are given in connection with the department of civil engineering, and a structural option may be selected at the end of the second year by those who desire to specialize in architectural engineering.

Los Angeles with its many building activities provides examples of design and construction which form a most valuable supplement to the work in the class room. At least one summer vacation in an architect's office or the equivalent is required for graduation.

CIVIL ENGINEERING

The great industrial development of recent years in every part of the United States has created a large demand for

trained civil engineers. The course in Civil Engineering has been made broad in order to meet this demand by providing a sufficient foundation for the wide range of practice now included under Civil Engineering.

The course is designed to give a practical as well as a theoretical training. Nearly as much time is spent in the drawing room, laboratory and field as in the lecture room.

A very large amount of important engineering work is continually going on in the vicinity of Los Angeles. The proximity of harbors, mines, irrigation and water supply projects, several transcontinental railroad terminals, and extensive electric power plants and railway systems, offers a diversity of excellent examples of engineering construction. Students in this department, accompanied by instructors, are required to inspect much of this work and to present written reports on what they have seen.

ELECTRICAL AND MECHANICAL ENGINEERING

The courses in Electrical Engineering are designed to fit young men to engage in the operation and production of electrical apparatus, and also in the application of electricity to the Arts and Sciences.

During the Freshman and Sophomore years there is laid a broad foundation, consisting of Physics, Mechanics, Chemistry, Surveying, and Drawing. During the Junior and Senior years special studies in electricity and its applications are pursued.

The work of the engineering laboratories is co-ordinate with that of the lecture and class room, and aims to give a practical knowledge of electrical measurements and the handling of electrical machinery.

Southern California, in its present state of rapid development, offers exceptional opportunity to the hydraulic and electrical engineer. The work of the University is excellently supplemented by the large amount of work under construction. The engineers and superintendents in charge of this work have been very courteous in aiding the classes on their various trips of inspection. The various power and electric plants in and about Los Angeles afford examples of electric development of high-tension power transmission not surpassed by those of any other city in the United States. Various excursions are made to these plants, which are explained in detail by the superintendent engineers.

Mechanical and Electrical Engineering are closely allied, and the first two years of the courses are identical. During the Junior and Senior years of the Mechanical Engineering course the development of power by means of the various types of heat engines, and the distribution and utilization of this power, are studied. The application of power to railway,

marine or automobile work offers opportunity for detailed study of Mechanical Engineering, and for the application of the fundamental principles studied during the earlier part of the course.

As indicated in the following outlines, twenty-four weeks' approved employment is required as a prerequisite for graduation in either Electrical or Mechanical Engineering. This requirement is designed to give the student some idea of commercial operations and to broaden his view, particularly in regard to labor conditions, by actual contact with the commercial world. Such employment is of great and lasting benefit to the student, and makes him of greater value to his employer.

ENGINEERING CHEMISTRY

This course is planned to produce highly trained chemists who are equipped to enter the field of research in industrial chemistry, or to develop chemical processes, or manage chemical industries.

The course requires the completion of 136 units and leads to the degree of Bachelor of Science in Engineering Chemistry. The curriculum of the first two years comprises the standard preliminary work of engineering courses. The curriculum of the last two years includes further work in chemistry up to a minimum of a total of 50 units in chemistry, and approved electives from certain other related departments of the University. The work of the last two years may be so chosen as to allow specializing in any desired field; as in Oil; Manufacturing Chemistry; Sanitation; Industrial Research; General Analytical, Testing, and Consulting Work; or in the fields of Engineering.

A final requirement for graduation is the presentation of an acceptable thesis covering work on some industrial problem, and representing at least four units of work done during the senior year. This work will be carried on, in general, in cooperation with some industrial concern in Southern California, and will be in the field of work in which the student desires to specialize.

MINING ENGINEERING

There is offered at present only the first two years' work in Mining Engineering with the expectation that the other two years may be added in the near future. It is the purpose to give familiarity with the general foundation sciences of engineering, and at the same time have the student gain some insight into practical mining engineering.

COURSES IN ARCHITECTURE

Professors Weatherhead, Lawrence; Instructor Baldwin

LOWER DIVISION COURSES

1ab. Freehand Drawing. Drawing in charcoal from geometrical solids, involving the accurate representation of form in line and in light and shade. This is followed by simple architectural forms drawn from the cast.

One unit; throughout the year.

2. Freehand Drawing. A continuation of Course 1. Architectural forms and the figure drawn from cast. Out of door sketching.

One unit; throughout the year.

3. Pen and Pencil Rendering. Practice in rendering architectural subjects in pen and ink and in pencil.

Two units; second semester.

5ab. History of Architecture. A course tracing the development of the art of building through the ancient, classic and mediaeval periods, with an analytical study of the characteristics of each succeeding style. Illustrated lectures.

Two units; throughout the year.

8ab. Elements of Architecture. A series of rendered problems involving a study of the classic orders and elements of composition, and simple architectural design.

Two units; throughout the year.

15ab. Architectural Design. A series of designs and sketch problems arranged to develop as rapidly as possible a true sense of architectural proportion, scale, and fitness, and to insure an ever-increasing creative power and technical skill. *Prerequisite:* Architecture 8ab.

Three units; throughout the year.

UPPER DIVISION COURSES

100ab. Building Equipment Engineering. A course including the general principles and methods of sanitation, heating, ventilation and lighting buildings.

Two units; throughout the year.

104ab. Modelling. Modelling in clay from architectural ornament and parts of the figure.

One unit; throughout the year.

106ab. History of Architecture. A continuation of Course 5. A critical study of the best examples of Renaissance and modern architecture. Illustrated by lantern slides.

Two units; throughout the year.

107ab. History of Ornament. Illustrated lectures on the history and characteristics of the different styles, accompanied by historical drawings in the most important periods.
Prerequisite: Architecture 5ab and 106ab.

Two units; throughout the year.

116ab. Architectural Design. A continuation of Course 15. More advanced problems in planning and composition.

Four units; throughout the year.

117ab. Architectural Design. A continuation of Course 116.

Six units; throughout the year.

120. Architectural Composition. A series of illustrated lectures on the theory of composition, supplementing the courses in Architectural Design.

One unit; first semester.

125. Professional Relations. A study of the relation between the architect, the client and the contractor. Professional ethics.

One unit; second semester.

COURSES IN CIVIL ENGINEERING

Professor Lawrence; Associate Professor Cook

LOWER DIVISION COURSES

1ab. Surveying. Recitations and lectures on the theory and practice of plane surveying. The course includes the use and care of instruments; methods of procedure and of keeping notes for land, city, and mining surveys; instructions in computation and platting of field notes. Text, Breed and Hosmer's "Principles and Practice of Surveying," Vol. I.
Prerequisite: A course in plane trigonometry.

Two units; throughout the year.

Cook

2ab. Surveying Field Work. The practical adjustment of surveying instruments; the proper method of keeping clear field notes, and the working of field problems, with chain, tape, level, plane table, transit, compass, etc. The work in the drawing room consists of platting the field notes and making profiles and maps. Six hours. C. E. 1 to be taken concurrently. Text, "Pence and Ketchum's Field Manual."

Two units; throughout the year.

Cook

3a. Higher Surveying. Recitations and lectures on the theory and practice of the more advanced surveying prob-

lems, including hydrographic surveying, and mapping. Text, Breed and Hosmer, Vol. II. *Prerequisite:* C. E. 1 and 2.

Two units; second semester.

Cook

31. Higher Surveying. Field work. Topographical surveys with plane table and stadia, city surveys, mine surveys, measurement of base lines and triangulation systems, determination of meridian and latitude. *Prerequisite:* C. E. 1 and 2. Six hours' field work.

Two units.

Cook

13. Materials of Construction. A study of the manufacture and properties of stones, cements, concretes, timber, iron, steel, etc., with special attention to the determination of the safe working stresses. Text, Mills' "Materials of Construction."

Three units; first semester.

UPPER DIVISION COURSES

104. Railroad Engineering. A course including the theory of curves, switches, and sidings; the making of reconnaissances and preliminary and location surveys; the computation of earthwork and determination of structures; and the making of final estimates of cost. Text, "Allen's Railroad Curves and Earthwork." *Prerequisite:* C. E. 1 and 2.

Two units; first semester.

Cook

105ab. Railroad Engineering, Field and Office Work. Practice in laying out curves, making a complete survey for a short line of railway, and doing the office work. C. E. 104 must be taken concurrently. Text, "Allen's Railroad Curves and Earthwork."

Two units; throughout the year.

Cook

106. Economics of Railroad Location. The fundamental principles of economical location, construction and betterment surveys; a discussion of yard and terminal design; the study of the permanent right of way in regard to its relation to maintenance and operation. Text, "Raymond's Railroad Engineering." *Prerequisite:* C. E. 104.

Two units; second semester.

Cook

107ab. Analytical Mechanics. The mathematical treatment of statics, kinematics and dynamics, including the determination of center of gravity, moment of inertia, centrifugal force, etc. Text, "Poorman's Applied Mechanics." *Prerequisite:* Mathematics 7 and 108.

Two units; second semester.

Lawrence

108ab. Strength of Materials. A mathematical course in the resistance and elasticity of materials, stresses and strains, shearing, flexure, beams, columns, and shafts. Course 107

must be taken concurrently. Text, Slocum and Hancock's "Strength of Materials," and Shepard's "Problems in Strength of Materials."

Two units, first semester; three units, second semester.

Lawrence

109. Hydraulics. Hydraulic pressure, strength of pipes, flow of liquids through pipes and orifices and over weirs, losses of head, flow of water in open channels, dams of masonry and earth, hydraulic motors and machinery. Text, "Slocum's Hydraulics." *Prerequisite:* C. E. 107.

Three units; first semester.

Lawrence

110. Irrigation Engineering. Diversion, conveyance, and application of water for irrigation. Design of reservoirs, dams and diversion work. Text, Newell and Murphy's "Irrigation Engineering." *Prerequisite:* C. E. 109.

One unit; second semester.

111. Water Supply. The determination of the quantity and quality of supply, water purification and conservation, design of a system. Text, Turneure and Russell's "Public Water Supply." *Prerequisite:* C. E. 109.

Two units; second semester.

Lawrence

112. Sanitary Engineering. The drainage of buildings, treatment and disposal of sewage, sewer system for cities. Text, "Sewerage"—Metcalf & Eddy. *Prerequisite:* C. E. 109.

Two units; first semester.

Lawrence

115. Graphical Statics. The graphical determination of the stresses in engineering structures. C. E. 107 must be taken concurrently. Lectures and drafting.

One unit; first semester.

Lawrence

116. Stresses in Framed Structures and Arches. The analytical and graphical methods applied to determining stresses in roof and bridge trusses and masonry arches. Text, Turneure's "Modern Framed Structures," Vol. I. *Prerequisite:* C. E. 107 and 115.

Three units; second semester.

Lawrence

117. Engineering Laboratory. The testing of engineering materials. Work done at the Osborne Testing Laboratory (by special arrangement). *Prerequisite:* Course 108.

Three laboratory hours, one unit; second semester.

118ab. Structural Design. The theory for and practice of making complete designs for steel bridges, roofs and other structures. Lectures, drawing, and computing. Text, "Mod-

ern Framed Structures," Vol. III. *Prerequisite:* Courses 108 and 116.

One hour lecture, six hours drafting, two units. Lawrence

119. Highway Engineering. Roads and streets of broken stone, paved and oil roads, the location of new roads. Text, "Construction of Roads and Pavements," Agg.

Two units; second semester. Lawrence

121ab. Reinforced Concrete. The theory, design, construction and estimates of concrete and reinforced concrete structures, including buildings, foundations, retaining walls, tunnels, culverts, dams. Text, Hool's "Reinforced Concrete Construction," Vols. I and II. *Prerequisite:* C. E. 108.

Three hours lecture, three units; throughout the year. Cook

122. Contracts and Specifications. A synopsis of the law of contracts as applied to engineering construction and a study of typical contracts and specifications. The course includes riparian rights, boundary lines, survey descriptions, etc. Text, Tucker's "Contracts in Engineering."

Two units; second semester. Lawrence

123. Advanced Engineering Design. A study of some special engineering problem by the student. The subject must be approved by the professor in charge of the department of Civil Engineering and by the professor who would have immediate direction of the work proposed, not later than November 1st of the senior year. It must be completed and submitted by June 1st of the same year.

Three units; second semester. Lawrence

GRADUATE COURSES

218. Structural Engineering. The theory and design of continuous girders, swing, cantilever, suspension of metallic arch bridges. Text, "Modern Frame Structures," Vol. II.

Two units. Lawrence

221. Advanced Reinforced Concrete. The theory and design of reinforced concrete bridges, arches, tunnels and chimneys. Text, Hool's "Reinforced Construction," Vol. III.

Two units. Cook

224. Theory and Method of Least Squares. The application of the laws of errors to the adjustment of observations. Text, Weld's "Theory of Errors and Least Squares."

Two units; one semester. Lawrence

COURSES IN ELECTRICAL ENGINEERING

Professor _____

UPPER DIVISION COURSES

101a. Electrical Circuits and Machinery I. Development of the fundamental laws governing the flow of continuous and alternating currents; resistance, reactance, impedance and power; series and parallel circuits; magnetism; electromotive force and its production; construction and operating characteristics of electrical machinery, instruments and apparatus. Required of Electrical, Mechanical and Civil Engineering students. *Prerequisites:* Physics 6 and Calculus.

Five units; first semester.

101b. Electrical Circuits and Machinery II. Continuation of E. E. 101a, dealing particularly with electric motors and their applications. Junior. Required of Electrical Engineering students. *Prerequisite:* E. E. 101a.

Three units; second semester.

102aL. Electrical Laboratory. Laboratory work for the experimental verification of the fundamental laws of electrical circuits; characteristic curves of generators and motors; determination of losses, efficiencies, etc. Required of Electrical and Mechanical Engineering students.

Two units; first semester.

102bL. Electrical Laboratory. Continuation of E. E. 102a. Required of Electrical Engineering students.

Two units; second semester.

103. Electrical Machine Design I. Design of a continuous current dynamo, to include all calculations and working drawings of the principal parts. Required of all Electrical Engineering students. *Prerequisite:* E. E. 101a.

Three units; second semester.

104. Electrical Machine Design II. Design of alternating current dynamos and transformers. Credit depends on work done. Senior. Not required for graduation. *Prerequisite:* E. E. 103.

First or second semester.

105. Electric Power Transmission. Electrical and mechanical problems incident to the design, construction and operation of electric power transmission lines. Required of Electrical Engineering students. *Prerequisite:* E. E. 101a.

Two units; first semester.

106. Excursions. Power houses and manufacturing plants in and near Los Angeles are visited. No credit. Both semesters, Junior and Senior. Required of Electrical Engineering students.

107. Transients. Non-harmonic waves and their analysis; propagation of waves in space and over wires; dielectric and inductive storage of energy; transient phenomena incident to load adjustments, short circuit surges, etc. Required of Electrical Engineering students. *Prerequisite:* E. E. 101a. Three units; first semester.

108. Electrical Measurements. Theory, construction and use of electrical instruments for commercial and exact measurements. Senior. Required of Electrical Engineering students. *Prerequisite:* E. E. 101a. Three units; first semester.

109. Electric Railways. Application of the electric motor to railway work; traction mechanics; traction graphics; speed-time curves; types of cars and their construction; control systems, etc. Senior. Required of Electrical Engineering students. *Prerequisite:* E. E. 101a. Two units; second semester.

110. Telephones. An elementary course on the theory and operation of the telephone, and of telephone exchanges. Required of Electrical Engineering students. *Prerequisite:* E. E. 107. Three credits; second semester.

111. Electrical Engineering Mathematics. Application of the principles of mathematics to the solution of electrical engineering problems. Not required. *Prerequisites:* E. E. 101a and Calculus. Two units; first semester.

112. Electrical Engineering of Power Plants. Selection, installation and operation of the electrical equipment of power plants; plant efficiencies, cost of power, etc. Required of Electrical and of Electrical Engineering students. *Prerequisite:* E. E. 101a. Two units; second semester.

113. Theory of Electricity. Advanced mathematical investigation of electrical phenomena; conduction in gases; valve actions. Credits depend on quantity and quality of work done. Elective.

COURSES IN MECHANICAL ENGINEERING

Professor —————

LOWER DIVISION COURSES

1ab. Mechanism. Machine elements, power transmission, levers, cams, link work, velocity and motion diagrams; straight-line and quick-return motions; gearing, etc. Sophomores. Required of Electrical and Mechanical Engineering students. *Prerequisite:* Physics 2 and Trigonometry. Two units; throughout the year.

UPPER DIVISION COURSES

101a. Heat Power Engineering. Fundamental principles of heat engines, boilers and gas producers; construction and operation; efficiencies and methods of testing. Required of Mechanical and Electrical Engineering students. *Prerequisites:* Physics 2 and 4, and Calculus. Five units; first semester.

101b. Heat Engines. Principles of heat engines, their construction and operation. Junior. Required of Mechanical Engineers. *Prerequisite:* M. E. 101a. Three units; second semester.

102aL. Mechanical Laboratory. Calibration of steam gauges, indicators and planimeters; valve setting; indicated and brake horsepower; mechanical efficiency and steam consumption. Required of Mechanical and Electrical Engineering students. Two units; first semester.

102bL. Mechanical Laboratory. Continuation of M. E. 102a. Required of Mechanical Engineering students. Two units; second semester.

103. Thermodynamics. Fundamental laws of thermodynamics and their application to heat engineering; gases, saturated and superheated vapors. Required of Mechanical Engineering students. *Prerequisites:* Physics 4 and Calculus. Three units; first semester.

104. Elementary Machine Design. Stresses in and proportions of simple machine parts; development and use of empirical and other formulas used in machine design. Required of Mechanical and Electrical Engineering students. *Prerequisites:* Physics 2 and M. E. 1. Two units; first semester.

105. Advanced Machine Design. Continuation of M. E. 104. Design of an assigned machine and preparation of work-

ing drawings. Required of Mechanical Engineering students. *Prerequisites:* M. E. 104, C. E. 107, and C. E. 108.
Three units; first semester.

106. Excursions. Power houses and manufacturing plants in and near Los Angeles are visited. No credit; both semesters, Junior and Senior. Required of Mechanical Engineering students.

107. Valve Gears. Valve gear mechanisms; Bilgram and Zeuner diagrams. Required of Mechanical Engineering students. *Prerequisite:* M. E. 101a.
Two units; second semester.

108. Heating and Ventilation. Fundamental principles of heating and ventilation; direct and indirect systems; hot-air, hot-water and steam systems; quantity and quality of air. Required of Mechanical Engineering students. *Prerequisite:* M. E. 103.
Two units; first semester.

109. Railway Mechanical Engineering. Locomotive construction and operation; air brake systems; and other mechanical equipment of railways. Required of Mechanical Engineering students. *Prerequisite:* M. E. 101a.
One and one-half units; first half of first semester.

110. Marine Engineering. Marine engines and boilers; other mechanical equipment of ships. Required of Mechanical Engineering students. *Prerequisite:* M. E. 101.
One and one-half credits; second half of first semester.

111. Refrigeration. Fundamental principles of cooling systems, and their application to ice-making and cold storage. Senior. Required of Mechanical Engineering students. *Prerequisite:* M. E. 103.
One unit; second semester.

112. Mechanical Engineering of Power Plants. Selection, installation and operation of the mechanical equipment of power plants; plant efficiency; cost of power, etc. Required of Mechanical and Electrical Engineering students. *Prerequisite:* M. E. 101a.
Three units; second semester.

113. Oil Engines. Diesel and other engines using the heavier fuel oils; fundamental principles, construction and operating characteristics; efficiencies and application.

REQUIRED COURSES IN THE DEPARTMENT OF ENGINEERING

Architecture

First Year

Mathematics 4, 5, and 6; Physics 2, 3, 6, and 7; English lab; Drawing 6 and 8; Architecture 1 and 8ab.

Second Year

Mathematics 7 and 108; Modern Language; Civil Engineering 13; Drawing 9; Art 23; Architecture 2, 3, 5ab, and 15.

Third Year

Civil Engineering 107, 108, 115, 116, and 122; Art 150; Architecture 106ab, 107ab, and 116.

Fourth Year

Civil Engineering 118 and 121; Architecture 100ab, 104, 117, 120, and 125.

Civil Engineering

First Year

Mathematics 4, 5, and 6; Physics 2, 3, 6, and 7; English lab; Drawing lab; Civil Engineering lab and 2ab. Summer—Approved employment, 8 weeks.

Second Year

Mathematics 7 and 108; Physics 4 and 8; Chemistry 2, 2L, 3, and 3L; Civil Engineering 3, 3L, and 13; Drawing 4; Electives 7 units.* Summer—Approved employment, 8 weeks.

Third Year

Civil Engineering 104, 105ab, 106, 107ab, 108ab, 109, 110, 111, 115, 116, and 118a; Electives 4 units.* Summer—Approved employment, 8 weeks.

Fourth Year

Civil Engineering 112, 117, 118b, 119, 121ab, 122, 123; Electrical Engineering 101a; Engineering Seminar; Electives 9 units.*

Electrical Engineering

First Year

Mathematics 4, 5 and 6; Chemistry 2, 2L, 3, and 3L; Physics 4, 5, 8, and 9; English lab; Drawing lab. Summer—Approved employment, 8 weeks.

Second Year

Mathematics 7 and 108; Physics 2, 3, 6, and 7; Civil Engineering 1ab, 2ab, and 13; Drawing 5 and 7; Mechanical Engineering 1; Economics, History or English. Summer—Approved employment, 8 weeks.

Third Year

Civil Engineering 107ab, 108ab, 109, 115, and 118; Electrical Engineering 101ab, 102ab, 103, and 106; Mechanical Engineering 104; Economics, Accounting. Summer—Approved employment, 8 weeks.

Fourth Year

Electrical Engineering 105, 107, 108, 109, 110, 112, and 106; Civil Engineering 122; Mechanical Engineering 101a, 102a, and 112; Physics 112 and 113; Elective 3 units.*

Mechanical Engineering**First and Second Years**

The courses are the same as Electrical Engineering.

Third Year

Civil Engineering 107ab, 108ab, 109, 115, and 118; Mechanical Engineering 101ab, 102ab, 103, 104, and 107; Excursions. Summer—Approved employment, 8 weeks.

Fourth Year

Mechanical Engineering 105, 108, 109, 110, 111, and 112; Electrical Engineering 101a, 102a, and 112; Civil Engineering 122; Economics, Accounting; Electives* 6 units; Excursions.

Engineering Chemistry**First Year**

Mathematics 4, 5, and 6; English 1ab; Chemistry 2, 2L, 3, 3L; German 2a and 4; Drawing 1ab.

Second Year

Mathematics 7 and 108; Physics 2, 3, 4, 5, 6, 7, 8, and 9; Chemistry 4ab; Economics 1ab; Geology 2; Civil Engineering 13.

Third Year

Chemistry 107ab, 107abL, 113, 115, 115L, 112L, or 114L; Civil Engineering 107a and 108ab; Electives 8 units.

* Electives, subject to the approval of the head of the department.

Fourth Year

Electrical Engineering 101a; Chemistry 116ab, 116abL, 109ab, 109abL, and 225ab; Electives 9 units.

Students without entrance German will take German 1ab (5 units) throughout the first year; German 2a and 4, the second year, and Economics lab the third year.

Mining Engineering

First Year

Mathematics 4, 5, and 6; English 1ab; Chemistry 2, 2L, 3, and 3L; Drawing 1ab; Physics 4 and 8.

Second Year

Mathematics 7 and 108; Physics 2, 3, 6, and 7; Civil Engineering 1ab and 2ab; Chemistry 4aL and 114L; Geology 1, 3, 4, 113, and 115; Drawing 5.

SUMMER SESSION

ANNOUNCEMENT

The seventeenth annual Summer Session of the College of Liberal Arts of the University of Southern California will be held at the College of Liberal Arts on University Avenue and at the Venice Marine Station, from July 1 to August 12, 1922.

Saturday and Monday, July 1 and 3, will be the regular registration days at the Registrar's office, and as far as possible students are asked to register on these days.

Admission Requirements

The admission requirements to the Summer Session are, for all except those enrolled as auditors, uniform with the admission requirements to the regular sessions of the College of Liberal Arts.

Credits

Courses totaling six units in college credits are regarded as constituting full work for the Summer Session. Upon application, made in advance, to the Director, permission may, in certain cases, be given to carry one or two additional units. In such cases it is understood that no more than six units of credits will be allowed unless all the work is completed with not less than a C grade.

All classes meet for lecture or recitation five times a week unless otherwise indicated.

NOTE: The University reserves the right to withdraw any courses for which there is not sufficient demand to warrant the formation of classes.

Fees and Expenses

Registration Fee\$25.00

The payment of the Registration Fee entitles a student to enroll in as many of the courses as he is qualified to carry.

Laboratory Fees—

Art—Still Life, Course No. 50.....\$ 4.00
Biology, each course requiring laboratory work.... 4.00
Chemistry, each laboratory course of 2 or 3 units.. 10.00

(A breakage deposit of \$5.00 is also required for each course. This is returned, less breakage, at the end of the course.)

Electrical Engineering:

One unit of laboratory work.....	\$ 4.00
Each additional unit of laboratory work.....	2.00
Home Economics, Courses 160 and 190b.....	1.50
Home Economics, Course No. 11.....	5.00
Physical Education, Course No. 130.....	10.00

Physics:

One unit of laboratory work.....	4.00
Each additional unit of laboratory work.....	2.00

Fees are payable in advance and are not refundable. The University reserves the right to change, without notice, any of the rates printed in this bulletin.

Summer Session Announcement

The announcement of the Summer Session contains full information concerning the work offered and may be obtained by application to the Director of the Summer Session.

THE UNIVERSITY HIGH SCHOOL

General Statement

The University High School is maintained by the University of Southern California as an integral part of the School of Education, and in the history of public school education in California holds the unique distinction of being the first regularly constituted high school in organic union with the university graduate work. For the School of Education it serves as a laboratory for the solution of educational problems, and during the period of its operation the School of Education has thus been able to train and recommend for certification more than 450 teachers for service in the secondary schools of the state.

It is the aim of the University High School to provide the best possible opportunities for secondary education, and under a standard curriculum both conservative and cultural its students are prepared for entrance to the various colleges of the University. The curriculum also provides a liberal high school education for those who may not be able to attend higher institutions of learning. Sponsored by the great Methodist organization, it is the peculiar mission of the University High School to foster and maintain a distinctly Christian atmosphere and further the vital interests of church and state.

Government of the School

1. In relation to the University, the school is under the general control of the Dean of the School of Education.

2. The Principal is charged with immediate responsibility for: (1) the administration of the affairs of the school; (2) the proper direction of the work of teachers and pupils.

3. The Vice-Principal (1) arranges details of student relations and the social activities of the school; and (2) is responsible for routine matters in connection with the work of teachers and pupils.

4. The Supervisors of Instruction assist the cadet-teachers by: (1) presenting comprehensive and constructive plans for organization of subject-matter; (2) giving general direction in the development of special methods; and (3) demonstrating certain principles of teaching through class room instruction.

5. The instructors (cadet-teachers) hold the degree of Bachelor of Arts or its equivalent, and devote themselves to the teaching of the academic subjects in which they have specialized.

6. The Principal, Instructors, and Special Supervisors have joint control of student teaching.

CALENDAR. 1922-1923

September 13-15	Registration for the first semester
September 18	Instruction begins
November 30-December 2.	Thanksgiving recess
December 21-January 2.	Christmas recess
January 31-February 6...	Mid-year examinations
February 12	Instruction begins
March 26-April 2.....	Spring recess
May 30	Memorial Day recess
June 12-18	Final examinations
June 19	Commencement

General Organization

The University High School is located on the campus of the College of Liberal Arts at West Thirty-fifth Street and University Avenue. The campus can be reached conveniently from the center of the city by either the University or the West Jefferson Street cars.

The school uses for recitation purposes rooms on the second floor of Old College, and the library, museum, laboratories, gymnasium, and athletic equipment of the college are at the disposal of the High School students.

The School Year. The school year consists of thirty-six weeks and is divided in two terms or semesters. Recesses are indicated on the High School Calendar.

The School Day. The school day begins at 8:00 a. m. and continues until 5 p. m., with an intermission of 70 minutes for luncheon.

Report Cards. Report cards are issued at the expiration of each six weeks, the third or semester report being entered on the permanent record cards in the office. Students are rated upon Scholarship, Attendance and Deportment or School Citizenship.

The School Period. Periods are 50 minutes in length, with 10-minute intervals between periods.

Assembly. Two periods a week are used for general assembly and chapel exercises.

Physical Education. All students of the High School under twenty-one years of age are required to take two periods per week of physical education, unless excused by the medical examiner. A penalty of one-half unit is added to the graduation requirements for each semester's failure in required gymnasium or assembly.

Athletics. The University High School also provides opportunities for participation in various sports such as football, basketball, track, baseball, and tennis. These sports are supervised by competent directors.

Social Activities. The only social organizations recognized by the school authorities are the four regular classes and the student body itself. Secret societies have no official standing, and membership of a pupil of the High School in a secret society may be deemed sufficient cause for his removal from the school.

Enrollment. Enrollment in the University High School is limited to 150, which makes possible classes of moderate size and considerable personal attention for the individual student.

Admission. Applicants for entrance to University High School must be able to show preparation equivalent to that required for entrance to regular state high schools and to give reference for good moral character.

Applications should be addressed to The Principal of the High School, University of Southern California, Los Angeles.

REGISTRATION

On or before the appointed registration days in September and February, each student must register at the office of the Principal. After consultation with representatives of the registration committee concerning the courses of study, each student will receive a study-card and an enrollment-card, upon which will be entered the subjects desired for the semester. The study-card will be for the guidance of the student. The enrollment card must be presented to the Treasurer of the University when the registration fee is paid.

REQUIREMENTS FOR GRADUATION

The following major groups of courses are offered in the High School:

- | | |
|------------|-------------------------------------|
| Group I. | English. |
| Group II. | Mathematics and Mechanical Drawing. |
| Group III. | History and Social Science. |
| Group IV. | Physical and Biological Sciences. |
| Group V. | Foreign Language. |
| | (a) French. |
| | (b) Greek. |
| | (c) Latin. |
| | (d) Spanish. |

The Principal and Vice-Principal will endeavor to organize for each student a definite four-year course of study suited

to the needs and aims of the individual student. The following considerations will govern the selection of the student's course:

- (1) Requirements for graduation from the University High School.
- (2) Requirements for entrance to the college for which the student is preparing.
- (3) The principle of distribution: The student will be required to form some acquaintance with the major fields of knowledge as represented in the five groups above.
- (4) Sequential study: The student will be required to include in his course two majors of at least three units each—a major consisting of three years of study in one of the five groups listed above.

A diploma of graduation will be granted to each student who completes fifteen units of the courses described on the following pages; provided, that the fifteen units include two majors as described above, and the following required subjects:

English	2 units
A Foreign Language.....	2 units
A Laboratory Science.....	1 unit
Algebra and Plane Geometry.....	2 units
United States History and Civics.....	1 unit

and provided that the student has been in attendance at the University High School for at least two semesters preceding the completion of the work described above.

FEES AND EXPENSES

Registration Fee, a semester or any part of a semester,
payable in advance.....\$10.00
(The registration fee is not refundable.)

Diploma Fee, payable 30 days before graduation..... 5.00

Laboratory Fees, a semester:

Biology (each course requiring laboratory work) ..	4.00
Chemistry	7.00
Physics	4.00

(Students in Chemistry will deposit a breakage fee of \$7.00 a semester, which, the cost of the broken goods having been deducted, will be refunded at the close of the year.)

The University reserves the right to change any of the rates or discounts printed in this year book without notice.

PROGRAM OF STUDIES

Freshman—Ninth Year

Hrs.

English 9.....	5
Algebra 9.....	5
Latin 9.....	5
French 9.....	5
Spanish 9.....	5
History 9 (Ancient).....	5
Gen. Science	5
F. H. Draw. (Oral).....	7
Oral English 9.....	2
Gymnasium	2

Junior—Eleventh Year

Hrs.

English 11.....	5
Pl. Geom. 11.....	5
French 9.....	5
Spanish 9.....	5
Latin 9.....	5
History 11 (English).....	5
Chemistry 11.....	7
Mech. Draw.....	7
Public Speaking.....	4
Sten. and Type.....	10
Gymnasium	2

Sophomore—Tenth Year

Hrs.

English 10.....	5
Algebra 10.....	5
Latin 10.....	5
French 10.....	5
Spanish 10.....	5
History 10 (M. & M.).....	5
Botany 10.....	7
Zoology 10.....	7
F. H. Draw.....	7
Public Speaking	4
Gymnasium	2

Senior—Twelfth Year

Hrs.

English 12.....	5
Trig.; Sol. Geom.....	3
French 10.....	5
Spanish 10.....	5
Latin 10.....	5
History 12 (U. S. and Civics).....	5
Econ. and Soc.....	5
Physics 12.....	7
Mech. Draw.....	7
Public Speaking.....	4
Sten. and Type.....	10
Gymnasium	2

THE COLLEGE OF LAW

HISTORICAL STATEMENT

The College of Law, University of Southern California, was organized as an integral part of the University in June, 1904. At that time it occupied quarters in the Rindge Building at the corner of Third Street and Broadway. The growth of the school demanding more commodious quarters, two successive moves were made, first to the Exchange Building and then to the present location in the Tajo Building, corner First street and Broadway.

The school, since becoming a part of the University, has always maintained a three years' course. In 1906 a summer school was added to the regular course. In 1908 a post-graduate course of one year was added, leading to the degree of Master of Laws. A night school was also organized that year.

When the school was first organized, candidates for degrees were required to have only a high school education. Beginning with September of 1920, the requirements for admission were increased to one year of general pre-legal college work. This has been further increased so as to require two years of general college study for entrance, beginning with September, 1922.

The school became a member of the Association of American Law Schools in 1908, and has continued in membership in that Association since that time.

The faculty is composed of five professors of law, who devote substantially all of their time to the school, and lecturers who are practicing attorneys of several years' standing. The practice of many members of our staff is such that if teaching should require them to give up the practice of law, but few schools could pay salaries sufficient to secure their services.

It is confidently expected that a new building will be erected for the College of Law on the campus of the University within the next two or three years.

ADVANTAGES OF LOCATION

The home of the College of Law of the University of Southern California is ideally located, both for the purpose of securing the highest class of instructors and for the convenience and training of the students. It is in the center of hundreds of law offices and close to the courts. The student is expected to give all his time to his law study. The school discourages outside employment, except in cases of necessity. If the student is obliged to give more than four hours per day to outside labor, it is recommended that he register for not more than eight or ten units of work.

The Courts

The Supreme Court of the State holds two sessions each year in Los Angeles, and the students have opportunity to hear carefully prepared arguments by the ablest lawyers of the country.

The United States District Court is held here, and opportunity for study of the Federal practice and procedure is thus offered, on both the law and the equity sides.

The Appellate Court for the Second District of California, Divisions One and Two, hold their sessions in Los Angeles.

The Superior Court of Los Angeles County, consisting of twenty-three departments, is in session the entire year.

Four city Police Courts and six Township Justices' Courts, in which students can get some actual practice before admission to the bar, are in session daily during the entire year.

Library Facilities

Students are allowed the use of the Los Angeles County Law Library, consisting of fifty thousand (50,000) volumes, upon the same terms as members of the Bar.

The College of Law has a good working library of its own, consisting of all the State Reports, the Reporter System, the English Reports and text and case books, numbering in all 11,000 volumes.

Eastern Students

To the increasing number of Eastern students spending a few years in Southern California, special opportunity is given for fitting for the practice of law. Those intending to practice in common-law states should notice that an entire quarter is devoted to the study of common-law pleading. It is the aim to fit the graduates of this college to practice law in any state.

CONDITIONS OF ADMISSION

There are three classes of admission: A—Admission to the first year class. B—Admission as a special student. C—Admission to advanced standing.

A. Admission of candidates for degrees to the first year class.

Only those students will be admitted as candidates for a law degree who have completed as regular students in an approved college or junior college, the equivalent of sixty college units in the College of Liberal Arts, U. S. C. This should include one year of college forensics and argumentation. Any student not having had this subject in college must, during his first year in the College of Law, make up this course.

Application must first be made in person or by letter to the Registrar of the University at the Administration Building, Thirty-fifth Street and University Avenue, to whom credentials for entrance work must be presented. If the admission requirements are found to be satisfied, the Registrar will issue a Certificate of Admission, which must then be presented to the Dean of the College of Law. Applicant must be at least eighteen years of age.

The Registrar's office is open throughout the year, and prospective students are urged to make application before the formal registration dates.

Those students not registering before the opening of any quarter's instruction will be required to pay an additional fee of two dollars.

B. Admission as a Special Student. The registration of special students is permitted in exceptional cases with permission of the Dean. Such students must be at least twenty-three years of age and must furnish evidence of preliminary education which is the equivalent of a four years' high school course. They will be required to maintain an average of at least a "C" grade in each subject taken. Special students cannot obtain a degree in law, but will upon completion of the regular course of the school be given a certificate showing work done. The number of special students registered shall never exceed five per cent of the total registration of their class.

For the benefit of the service men and at the request of the United States Veterans' Bureau, the Dean may accept the registration of students authorized by that Board, who meet the above requirements, without reference to the provision as to the total number of special students permitted to be registered. They must, at least during the first year, enter a special class given either in the forenoon or at night.

It is expected that the necessity for the provision for the United States Veterans' Bureau will exist only during the school year 1922-1923.

C. Admission to Advanced Standing. Applicants for admission to the second or third-year classes must present certificates of the completion by them of work equivalent to that for which they seek to be credited, and also credentials showing the completion of at least two years of general college work. Certificates will be accepted when issued by a law school belonging to the Association of American Law Schools, or by other colleges of law whose requirements are as high and whose course is as extensive as that here given. Applicants for advanced standing not having such certificates must pass examination in the subjects for which they seek credit. Any student who desires to take such an examination must first secure permission to do so from the Dean. Such examinations are given only at the beginning of a quarter. A charge of five dollars is made for each special examination.

PRE-LEGAL COURSE

It is important that the student be thoroughly prepared before commencing the study of law. It is therefore recommended that he take the three-year Pre-Legal Course in the College of Liberal Arts before entering the law department.

Special consideration should be given to the following subjects: English (including Expression); a foreign language (at least two years, if not covered by entrance credits); History (English and American), with special reference to Institutional and Constitutional; Logic; Philosophy; Economics; Accounting; Sociology; and Political Science. The major subject should be Economics, Political Science or History. For detailed recommended course, see the bulletin of the College of Law.

The student who contemplates taking a degree course in law should pursue the one or more years of preparatory college work with the same earnest professional spirit that will be required of him in the years of the law course which follow, remembering that without the training of mind and spirit he will not be able in any adequate way to solve the problems of his later course and of the active years which follow.

DEGREES

The degree of Bachelor of Laws (LL. B.) is conferred upon those students who have not a college degree, but have met the entrance requirements heretofore described and who have pursued the study of law in this college for three years, or in an approved law school for two years followed by a third year in this college and who have completed the 108 units

and 108 grade points, and practice court work required for graduation from this school. Credit received in the Summer quarter will count toward such degrees.

The degree of Juris Doctor (J. D.) is conferred upon those students who have received the degree of Bachelor of Arts (A. B.) or a substantially equivalent degree in the University of Southern California or in an approved college or university, and who have pursued the study of law in this college for three years, or in an approved law school for two years followed by a third year in this department, and who have completed the 108 units and 108 grade points, and practice court work required for graduation from this school. In addition to these requirements, all candidates for this degree must write a thesis of not less than three thousand words upon a subject to be approved by the Dean. It shall show careful and serious research and original thought, and must be submitted in finished form to the Dean not later than May 15th. All candidates for this degree must maintain a scholarship average of at least a B grade. The A.B. or equivalent degree must have been secured before entering upon the third year of study in the College of Law.

The degree of Master of Laws (LL. M.) may be conferred upon those students who hold the degree of Bachelor of Laws or Juris Doctor from this, or an approved law school maintaining a three years' course of study, and who have completed in this department the additional 36 units of work prescribed by this College of Law. They must have met the additional requirements for this degree found in this announcement under the head of Graduate Course.

The curriculum is so arranged that graduates of this school may obtain the Master's degree as well as the undergraduate degree in a little more than three calendar years by taking work in the Summer quarters. Graduates of other schools will, because of the arrangement of courses, have difficulty in obtaining the Master's degree in less than two years.

The College of Law reserves the right to change its courses and requirements for graduation and degrees at any time and without previous notice.

JOINT DEGREES

A student who has completed ninety-four units of undergraduate work, including required work in the major department and all general college requirements, so as to be entitled to enter the Senior year of the College of Liberal Arts, University of Southern California, may enter the first year class at the College of Law and may receive the degree of Bachelor of Arts upon the satisfactory completion of two years' work in that college, and may receive the degree of Juris Doctor upon graduation from the College of Law.

GRADES

Scholarship Grades are indicated by letters, as follows:

A, B, C, D—Passing grades.

Con.—Conditional, work not up to passing grade.

Inc.—Incomplete, indicating that while the work done is of passing grade, certain portions remain uncompleted.

F.—**Failure.** Credit can be given only upon repetition of the course.

Grade points will be given as follows: A—3 points; B—2 points; C—1 point; D—0 points.

If the student is reported "conditioned" or "incomplete," such delinquency must be made up in such manner as the Dean may determine, within one year from the date thereof. If the delinquency be not thus made up, the student will receive no credit in said subject.

A student receiving F or Con. in one-third of the work carried in any quarter is thereby placed on probation upon re-registration. A second such failure, while on probation, will result in registration being refused. While on probation the student may not take part in any intercollegiate contest nor represent the University in any public manner, either as an individual or as a member of any organization. For graduation the student must complete 108 units and secure 108 grade points.

Students may also be placed on probation as a disciplinary measure.

Any student displaying deficiencies in English diction or usage may at any time be required to take instruction in a class in Expression or English.

The school reserves the right to expel any student whenever the Board of Control deems it necessary for the welfare of the College of Law, and to suspend any student or use other methods of discipline, whenever such action is deemed advisable by the Dean.

The right is also reserved to refuse registration, or re-registration, to those whose scholarship is not satisfactory, or who, for any other reason, are not desired as students.

ARRANGEMENT OF SESSIONS

The College of Law has adopted the quarterly system of instruction, and courses are offered during the Summer months upon the same basis as during the regular academic year. In planning the work of the Summer quarter, as all other quarters, the aim is to provide for the students who are just beginning the professional study of law, as well as for advanced students. The calendar year is divided into four

quarters of twelve weeks each. Three quarters constitute an academic year. Therefore, by taking continuous work the student in two years and two quarters may complete three academic years. The sessions are called the Fall, Winter, Spring and Summer quarters. Instruction in the Summer quarter of the present year will commence Monday, June 19th, and close Saturday, September 9th. The Summer quarter is divided into two terms of six weeks each, thus allowing students to take partial Summer work and have time left for vacation.

In response to a general demand for night classes in law, an Evening Session was established at the beginning of the year 1908-1909. The night course requires fifteen quarters for completion. The same entrance requirements are in force in the Night School as in the Day.

Only three years of the Evening Session are taught each year, the third and fourth year alternating.

Under the rules of the Association of American Law Schools, not more than thirty-six units of credit (one year's work) toward a law degree may be obtained in the Evening Session. Four periods of instruction are required to obtain three units of credit in the Evening Session.

To those who complete the full Night course as required, a certificate will be given showing work done, but conferring no law degree. The same courses are offered in the Evening Session, by the same faculty, as in the Regular Session, and the same examinations are given in both.

The length of each class period is one hour.

Law recitations will begin promptly on the opening day of each quarter. Registration must, therefore, precede the opening day. Those who do not register before the opening day of any quarter will be required to pay an additional fee of two dollars.

COURSES OF INSTRUCTION

First Year

Agency. Nature of the relation; who may be (a) principal, (b) agent; rights and liabilities of principal and agent; ratification and estoppel; undisclosed principals; termination of the relation; nature and extent of the authority and of its construction and execution; special classes of agents. Mechem's Outline of the Law of Agency. Code and Cases. *Two hours, Spring quarter.* Mr. Tappaan.

Bailments and Carriers. Bailments in general, including gratuitous bailments; bailments for hire; for services to be performed; pledges; warehousemen, etc., bailments involving

ordinary liability; bailments involving extraordinary liability; innkeepers, carriers of goods, and carriers of passengers. Goddard's Cases.

Mr. McClean.

Three hours, Spring quarter.

Four hours, Spring quarter—Night.

Contracts. A study of the principles of contracts, including the following: requisites of contracts; offer, acceptance and revocation; contracts under seal; history and effect of Statute of Frauds, with its particular effect in California; consideration; capacity of parties; legality of object; the effect of fraud and mistake; quasi-contracts and true contracts distinguished; contracts of record; recovery upon a statutory, official, or customary duty; recovery upon the doctrine that one person shall not unjustly enrich himself at the expense of another. Corbin's Cases, Thurston's Cases on Quasi-contracts.

Mr. Tappaan.

Three hours, Fall quarter; four hours, Winter quarter.

Four hours, Fall quarter; three hours Winter quarter—Night.

Criminal Law. The nature and punishment of crime; classification of crimes; the mental element in crimes; persons capable of committing crime and exemptions from responsibility; the overt act; offenses against the person; offenses against the habitation; offenses against property; offenses against the public health, safety, comfort and morals; offenses against public peace; jurisdiction of offenses.

Three hours, Fall quarter.

Mr. Hammon, Mr. Vallee.

Three hours, Winter quarter—Night.

Criminal Procedure. A study of the procedure in criminal prosecutions, including practice in drawing criminal complaint, indictment and information; the preliminary hearing; grand jury; procedure in superior court; sufficiency of pleadings; the pleas that may be made by the defendant; admission to bail; the verdict; probation. Lectures and cases.

One hour, Winter quarter.

Mr. Hammon, Mr. Vallee.

Elementary Law. The general principles underlying all branches of municipal and international law. Robinson's Elementary Law and reference reading in Blackstone and other recognized authorities.

Judge Craig.

Four hours, Fall quarter.

Ethics. The study of legal ethics is confined to a consideration of adjudicated cases, the canons of ethics of both the American Bar Association and the Boston Bar Association, together with decisions by committees of lawyers of different bar associations throughout the United States, and the observations of moralists. Costigan's Cases. Judge Houser.

Two hours, Winter quarter.

Two hours, Full quarter—Night II

Guaranty and Suretyship. General essentials; distinction between suretyship and other forms of contractual liability; sureties' rights and liabilities under the common law and the code; rights of creditors; Statute of Frauds; the contract under the Code of California. Hening's Cases on Suretyship.

Two hours, Summer quarter.

Mr. Tappaan.

International Law. A study of the principles of international law, including persons; general rights and obligations; property and domain; diplomatic and consular relations; treaties and other international agreements; arbitration; non-amicable measures of redress short of war; war and the rules of warfare; the rights of neutrals; the league of nations. Text.

Mr. Hazlett.

Two hours, Summer quarter.

Law of Persons. Relation of husband and wife, parent and child, guardian and ward. A review of the law pertaining to marriage and its duties and obligations; annulment, divorce and maintenance, including a study of the personal and property rights of the parties. Lectures and selected cases.

Mr. Larrabee.

Two hours, Winter quarter.

Two hours, Fall quarter—Night IV—1923-24.

Mining Law. History of American mining law; early customs and rules of miners; federal and state legislation; methods of acquiring title to mineral lands in the public domain; the law of the apex and extralateral rights. Text and cases.

Mr. Van Etten.

Two hours, Summer quarter.

Partnership. Requisites: nature of the relation as between the (a) partners, (b) third persons; what is required as to form; authority of partners; actions by and between partners; accounting and dissolution; Limited Partnerships; the so-called "Common Law Company"; partnership articles. Lectures, Code and Cases.

Mr. Tappaan.

One hour, Spring quarter.

Patents. A course on the historical development and principles of patent, trademark and copyright law and the law of unfair competition, supplemented by study of leading cases; practice and procedure in the patent office and in the federal courts; license conditions, price-fixing and the anti-trust acts with respect to patented articles. Lectures and cases.

One hour, Summer quarter.

Mr. Graham.

Practice Court. Attendance at trials as witnesses and jurors.

One hour, throughout the year.

Property I (Personal Property). The distinction between real and personal property; consideration of special kinds of chattels personal and chattels real; origin of title; original acquisition, accession, occupancy, creation and transfer by operation of law, by act of parties, including gifts *inter vivos*, *donatio causa mortis*, conditional. Warren's Cases.

Two hours, Fall quarter.

Mr. McClean.

Two hours, Winter quarter—Night I

Research. A study of the analysis of cases and the methods of briefing; the advantages of various law publications; the use of digests, encyclopedias and selected cases; how to prepare cases for trial. Lectures.

Mr. Millikan.

Two hours, Winter quarter.

One hour, Fall quarter—Night II.

Sales. Sales of personal property; essential elements of a sale; subject matter of sale; actual and potential existence; statute of frauds; conditions and warranties; segregation and identification; remedies of vendor; remedies of vendee. Woodward's Cases.

Mr. Tappaan.

Two hours, Summer quarter.

Statutory Interpretation. A study of the origin, growth and acceptance by the courts of the fundamental rules and doctrines of interpretation of statute law, together with a study of the powers and procedure of the legislative departments of our government and the duties imposed upon the legislative department in relation thereto. Special attention is given to the State of California. Lectures, text and cases.

Two hours, Summer quarter.

Mr. T. W. Robinson.

Torts. Torts distinguished from other wrongs, proximate cause, parties responsible, joint wrong doers, wrongs affecting personal security, defamation, injuries to family rights, action for wrongful death, wrongs in respect to civil and political rights, trespass, waste, conversion, injuries to incorporeal rights, violations of official duty, deceit, master and servant, nuisances, non-performance of conventional and statutory duties, negligence. Hepburn's Cases.

Mr. Van Etten.

Six hours, Spring quarter.

Five hours, Fall quarter—Night II

Second Year

Bankruptcy. Jurisdiction of the United States and the several states; who may be a bankrupt; who may be petitioning creditors; acts of bankruptcy; what property passes to the trustee; provable claims; duties and powers of the bankrupt and his trustee; protection, exemption, and discharge. Lectures and cases.

Mr. Sampsell.

One hour, Spring quarter.

One hour, Spring quarter—Night IV—1923-24.

Bills and Notes. A study of negotiable promissory notes and bills of exchange, their origin, history and development; the requisites of negotiability, the rights and liabilities of parties, the effect of endorsement and transfer; presentment, dishonor and protest; and the defenses which may be interposed. The course is based primarily upon the Uniform Negotiable Instruments Law, to which the cases studied are supplemental. Smith and Moore's Cases. **Mr. Tappaan.**

Four hours, Fall quarter.

Three hours, Spring quarter—Night.

Common Law Pleading. A study of the common law forms of action; necessary parties; proceedings; the declaration; pleas; production of issue; the rules of pleading.

Three hours, Fall quarter.

Judge McLucas.

Three hours, Winter quarter—Night.

Constitutional Law (Comparative). A history and comparative study of the constitutions of the principal governments of Europe and of the Western Hemisphere. Lectures and assigned reading. **Mr. McClean.**

Three hours, Summer quarter.

Constitutional Law. Making and changing constitutions; separation and delegation of powers of government; function of judiciary in enforcing; political rights; personal and religious liberty; protection to persons accused of crime; interstate privileges and immunities; due process and equal protection of law; police power; eminent domain; taxation; retroactive civil laws; general scope of federal powers; foreign relations; Indians and aliens; territories, dependencies and new states; regulation of commerce; jurisdiction of federal courts. Hall's Cases. **Mr. Millikan.**

Three hours, Winter quarter; two hours, Spring quarter.

Five hours, Spring quarter—Night.

Damages. Classification of damages; functions of court and jury respectively; general rules and their application to different actions; special reference to California statutes and decisions. Mechem's Cases. **Mr. Tappaan.**

Two hours, Fall quarter—Night III—1922-23.

Equity. Nature of equity jurisprudence; specific performance of contracts; bills for an account; specific reparation and prevention of torts; general rules regarding equitable remedies, including bills of interpleader, bills of peace, bill quia timet; reformation and rescission. Ames' Cases, Volumes 1 and 2. **Mr. Tappaan.**

Four hours, Winter quarter; three hours, Spring quarter.

Three hours, Fall and Winter quarters—Night III—1922-23.

Federal Practice. A study of the jurisdiction and procedure in federal district courts; discussion of federal system of courts; the organization of the district court; venue of actions brought in the district courts; federal questions; diverse citizenship and amount in controversy as affecting the jurisdiction of the federal courts; the conformity of law actions to state practice; the procedure in federal equity suits under the new equity rules and the removal of cases from state to federal courts.

Mr. Montgomery.

Two hours, Summer quarter.

Practice Court. A course of lectures and cases on the elementary principles of pleading and evidence; trial practice, including issuance and service of process; appearance; juries.

One hour, Fall, Winter and Spring quarters.

Mr. Millikan.

Private Corporations. A study of the nature of a corporation; its creation and citizenship; the effect of irregularity in its creation; the relation between the corporation and its promoters; the powers and liabilities of corporations; the relationship between the corporation and the state; the dissolution of corporations; membership; management; and the rights and remedies of creditors. Text and selected cases.

Four hours, Spring quarter.

Judge Houser.

Four hours, Winter quarter—Night.

Property II (a). Introduction to the law of real property, principles of the feudal system, development of real property law as affected by custom, statutes, judicial construction, influence of equity, and modern legislation; estates in real property. Warren's Cases.

Mr. Van Etten.

Three hours, Fall quarter.

Night IV—1923-24.

Property II (b). Titles to real property; possessory titles, derivative titles at common law, under statute of uses, and under modern statutes; transfer of title inter vivos; covenants for title; estoppel by deed; priorities. Aigler's Cases.

Three hours, Winter quarter.

Mr. Van Etten.

Night IV—1923-24.

Property II (c). Future interests in real property; remainders, reversions, possibilities of reverter, conditional limitations, and other future interests as affected by the rule against perpetuities; the rules prohibiting restraints on alienation, and against accumulation of profits; illegal restraints and conditions; modern statutes affecting validity of future interests. Kales' Cases.

Mr. Van Etten.

Two hours, Spring quarter.

Night IV—1923-24.

Property III. Trusts in real property; classification; requisites and validity of trusts, as affected by modern legislation and judicial construction. Western Cases.

Two hours, Spring quarter.

Mr. Van Etten.

Property IV (Conveyancing). A practical study of the general requisites of instruments affecting real property, including deeds, leases, mortgages and wills; the manner of expressing exceptions, reservations, etc., and their effect; practice in drawing the above instruments in the classroom. Lectures.

Mr. Allen.

Two hours, Summer quarter.

Public Commissions. This course deals with the railroad commission, corporation commission and industrial accident commission of the State of California; also federal trade commission and interstate commerce commission. The course is intended to indicate the functions and jurisdiction of these bodies, the methods of procedure before them, their relations to the courts and the control of their action by the courts. Lectures, supplemented by study of statutes and cases.

One hour, Summer quarter.

Mr. Larrabee.

(Not given 1921-22.)

Public Utilities. The bases of the duty of public service; the service to be rendered; the right to make rules for the service; rates; discrimination; duty to furnish adequate facilities; withdrawal from public service. Burdick's Cases on the Law of Public Service.

Two hours, Summer quarter.

Taxation I and II. A study of the legal questions arising in connection with the assessment of property and the levying and collection of taxes; direct and indirect taxes, double taxation, franchise and license taxes; situs of property for taxation, and the several remedies against the unlawful collection of taxes; inheritance taxes; federal income taxes, including a practical study of the corporation, individual and fiduciary return. Goodnow's Cases and lectures.

Four hours, Summer quarter.

Mr. Larrabee.

Water Rights. The law of riparian rights; the doctrine of appropriation; the law of percolating flood and surface waters. The course also includes a study of the federal acts and state statutes and code provisions concerning water rights and irrigation law. The principal consideration is to impart a thorough knowledge of these legal propositions as applicable to the western states. Craig's Cases. Judge Craig.

Two hours, Winter quarter.

Two hours, Spring quarter—Night III—1922-23.

Third Year

Admiralty. Jurisdiction as to courts, waters and subject-matter; federal and state authority, judicial and legislative; maritime contracts, torts and liens; rights and duties of owner, master, seamen, pilots, stevedores, and materialmen; charter parties and contracts of affreightment; general average; salvage; towage; collision; wrongful death; ship ownership and transfer; limitation of liability; characteristic features of admiralty procedure. Case book to be announced.

Three hours, Summer quarter.

Mr. Tuttle.

Briefing. A study of the arrangement and presentation of written argument; the requirements of the Supreme Court regarding the preparation and filing of briefs on appeal; the assignment of practical questions upon which briefs shall be prepared, and a criticism of style and arrangement in the brief.

Mr. Millikan.

One hour, Summer quarter.

Code Pleading I. A complete review of remedial law as applied in code jurisdictions with special reference to California. The form, theory and classification of civil actions, and special proceedings. A complete analysis of all pleadings available in such actions and proceedings; trial, review of decisions by trial court; appeals. Scarborough's Code Pleading, Cases.

Mr. Morgan.

Five hours, Fall quarter; four hours, Winter quarter.

Four hours, Winter and Spring quarters—Night IV—1923-24.

Code Pleading II. Extraordinary and provisional remedies and proceedings in aid of judgment, including writs of attachment, execution, assistance, and similar proceedings. California codes and cases.

Mr. Morgan.

Two hours, Spring quarter.

Codification and California Codes. Lectures on the history and theory of codification and codes; a study of the California codes, including a synopsis or classification of the various subjects included in the codes; the history of the passage of the statutes and their construction and interpretation. California codes and cases.

Mr. Hanna, Mr. Nix.

Three hours, Summer quarter.

Community Property Law. A study of the laws of California regarding the acquisition, control and disposition of property by husband and wife, with some attention to the liability of such property for the obligations of each. California codes and cases.

Mr. Van Etten.

Two hours, Summer quarter.

Conflict of Laws. This course deals with property rights, obligations, family laws, administration of estates and other subjects where the laws of more than one state affect the contract, obligation, status or other relations of the parties. Lorenzen's Cases. Judge McLucas.

Two hours, Winter quarter.

Evidence I. Circumstantial evidence; testimonial evidence; real evidence; rules as to number and kinds of witnesses; authentication of documents and production of documents; the hearsay rule; rules of exclusion; parol evidence rule; burden of proof; judicial notice; reformed rules. Wigmore's Cases, 2nd ed. Mr. Porter.

Four hours, Fall and Winter quarters.

Four hours, Winter and Spring quarters—Night III—1922-23.

Evidence II. A course of California and western cases on evidence with special reference to California practice and the application and interpretation of general rules of evidence in California courts. Open only to those who have taken Evidence I. Mr. Porter.

Three hours, Spring quarter.

Insurance I. An introduction to the general principles of insurance law. The course is designed to give the student some familiarity with the common and fundamental problems that arise in practice, particularly in connection with the standard fire, the ordinary accident, and life policies. Marine Insurance is considered briefly. Richards' Cases.

Two hours, Fall quarter.

Mr. Larrabee.

Insurance II. Open to students who have completed the course in Insurance I. Treats subjects not covered in the prior course, including title, fidelity, credit, and employers' liability insurance, and matters incident to insurance agency and brokerage. Selected cases. Mr. Larrabee.

Two hours, Winter quarter.

Practice Court. The preparation of pleadings and papers and the trial of cases; two appeals, including the preparation of necessary papers; one complete probate proceeding.

Probate Law. A study of the administration of estates and the necessary probate court proceedings. Costigan's Cases. Judge McLucas.

Two hours, Summer quarter.

Public Corporations. The history and development of public corporations; quasi-corporations, their nature, creation, classification, liabilities and powers and duties; municipal corporations, their creation, alteration, dissolution, powers

and duties, fiscal management, and actions by and against; quasi-public corporations, their nature, necessary elements, regulation and control. Text and selected cases. **Mr. Hill.**

Three hours, Spring quarter.

Two hours, Spring quarter—Night III—1922-23.

Restraint of Trade. The study of contracts and combinations in restraint of trade; contracts to refrain from doing business; contracts accompanying the sale of property, reserving the seller's business; exclusive contracts of sale and purchase; contracts to keep up the price on re-sale; competitive methods; the study of contracts in restraint of trade under the Sherman Act, and the Clayton Act. **Mr. Tappaan.**

One hour, Fall quarter.

Securities. The course is taught by selected cases and lectures, the cases being so far as possible selected from the western states. The course covers a study of real property and chattel mortgages, trust deeds, bonds and undertakings, and other forms of liens and incumbrances. **Judge Craig.**

Three hours, Spring quarter.

Three hours, Fall quarter—Night III—1922-23.

Wills. A study of the forms of wills; testator's capacity; perpetuities; mistake; fraud and undue influence; revocation and republication of wills; probate and construction of wills; legacies, claims and the doctrine of election. Costigan's Cases. **Judge McLucas.**

Four hours, Spring quarter.

Three hours, Fall quarter—Night IV—1923-24.

THE PRACTICE COURT

It has been an objection frequently urged against the study of law in law schools that the students learn theories and not practice. To reduce to a minimum the justice of these objections, this school, the first year of its organization, introduced into its curriculum an extensive Practice Court system patterned after the courts of this state. All students obtaining the degree in law are required to take the three years' work in Practice Court.

The system includes a Clerk's office, open continuously for the filing and inspection of papers; the office of the Professor in charge of the Department, which is also open throughout the day for consultation and conference with the students; nine regular trial departments, presided over by attorneys of at least five years' practice, and three Appeals departments, sitting either as the Supreme Court or District Court of Appeals. The justices of the latter departments are Justice Gavin W. Craig of the District Court of Appeals, and Judges Frederick W. Houser and Victor R. McLucas of the Superior Court of Los Angeles County.

The first year's work requires the students to serve as parties, witnesses and jurors at the trials of the Court. In addition to this, each student is required to make a survey of the offices of the County Clerk and the Civil Department of the Sheriff's office, the survey to show the place and manner of filing the various legal papers in these offices and the procedure required to levy writs of attachment, execution, assistance and so forth.

The second year's work consists of a course of special lectures during the Fall Quarter on the elementary principles of pleading and practice. These lectures are meant to give the student a general idea of the principles of pleading sufficient to enable him to intelligently file those papers necessary to bring an action before the court. The second quarter's work consists of a course in Trial Practice taught by the use of California cases on that subject. The third quarter's work consists of the assignment of statements of fact and the trial of one action on the part of each member of the Second Year Class.

The third year's work consists of the preparation of pleadings and the actual trial of cases. Four statements of fact are assigned to each student and from these statements the pleadings are prepared and filed. Each pleading is examined by the professor in charge of the department and, if defects appear, a time is appointed for conference with the student who prepared the pleading. At this conference, corrections are suggested and the student advised as to the proper method of pleading and procedure. The aim of this particular part of the work is to give the student individual instruction in the best manner of pleading, rather than allowing him to follow merely permissible methods. After the case is at issue, the procedure follows the practice in the courts of this state, cases being set and tried, witnesses examined and all the other incidents of trial work strictly adhered to. To insure accurate and thorough preparation, a comprehensive trial brief is required to be filed three days before date of trial. After trial, findings and judgment must be prepared and signed by the trial judge.

In addition to this trial work, third year students must prepare appeals in two cases, filing all papers required in actual practice and prosecuting the case to final hearing and decision.

INTERCOLLEGIATE DEBATE

Intercollegiate debating is considered apt training for actual practice at the Bar. Preparation for intercollegiate debate proceeds upon lines similar to those followed in training for intercollegiate athletic contests.

The "Final Squad" is selected by means of a Try-Out Debate, held in the early part of January of each year, and the coach selects the intercollegiate teams from the "Final Squad."

Students desiring to enter the Try-Outs are required to attend a squad class for preliminary training, or to show college training equivalent thereto, and satisfactory to the Debating Coach. The preliminary squad class continues throughout the first semester, and is open to all students free of charge, who have had the one year's forensic training required. Students desiring to enter the Try-Outs, who do not enter the preliminary squad class, must file a written application with the Debating Coach, together with a statement of previous debating experience.

First year men are eligible to enter minor intercollegiate debates, these being arranged each year between smaller colleges and first year men.

STUDENT ASSOCIATIONS

The Oratorical Association

The Law School Oratorical Association is organized for the purpose of stimulating interest in oratory.

Fraternities

The following national Fraternities maintain chapters here:

Phi Delta Phi, Beatty Inn.

Delta Chi, Southern California Chapter.

Phi Alpha Delta, Erskine M. Ross Chapter.

Delta Theta Phi, Field Senate.

Sigma Nu Phi, Craig Chapter.

Gamma Eta Gamma, Sigma Chapter.

Tau Kappa Alpha, Honorary Forensic Fraternity.

Phi Delta Delta, Alpha Chapter, Women's Legal Fraternity.

Sigma Iota Chi, Alpha Chapter, a national legal honorary scholarship fraternity, was organized in this school in 1916. Those members of the junior and senior classes who have maintained the required standard of scholarship and who are otherwise qualified by character and ability are eligible for membership. The number who may be made members is limited to a small percentage in each of these classes.

No additional Fraternities may be organized without permission of the Board of Control.

THE ALUMNI MEDAL

This prize is an unusually elaborate gold medal, which is presented each year at Commencement to that member of the graduating class who has maintained the highest general average in scholarship throughout the whole college course. This medal was awarded in 1921 to Charles Bennett Olerich.

ATHLETICS

Regular students of the College of Law take part in all intercollegiate athletic activities of the University.

FEEES AND EXPENSES

Quarter, Day Session (twelve periods each week).....\$50.00
 Quarter, Night Session (seven periods per week)..... 35.00

FEEES PER PERIOD

1 period .....\$16.00	6 periods.....\$32.00	11 periods.....\$47.00
2 periods..... 20.00	7 periods..... 35.00	12 periods..... 50.00
3 periods..... 23.00	8 periods..... 38.00	13 periods..... 52.00
4 periods..... 26.00	9 periods..... 41.00	14 periods..... 54.00
5 periods..... 29.00	10 periods..... 44.00	15 periods..... 56.00

No charge is made for Practice Court to those taking seven periods or over per week.

Diploma fee.....\$10.00

Student body dues (payable upon registration), per quarter, except Summer quarter..... 2.00

Special examinations, each 5.00

Change in schedule more than week after quarter begins 1.00

Additional fee for failure to register before beginning of instruction 2.00

Failure to pay fees when due debars from classroom.

No refund is made except in case of illness, and none is made after the middle of a quarter.

The prospective student should expect in incidentals, such as athletic meets, debates, oratorical contests, etc., attendance upon some of which may be required, a sum not to exceed \$15.00.

The College of Law reserves the right to change any of the rates or discounts printed in this year-book without notice.

Although the school cannot agree to secure students positions in offices, yet it will assist those who desire to make such arrangements, and it may be here stated that ordinarily no serious difficulty is experienced in finding such opportuni-

ties. The school discourages the practice of students entering law offices before their third year and insists that those not giving all their time to law study shall not register for more than eight or ten units per week.

Address all communications to

FRANK M. PORTER, Dean

College of Law, University of Southern California
Tajo Building, First and Broadway
Los Angeles

THE COLLEGE OF DENTISTRY

GENERAL STATEMENT

The College of Dentistry of the University of Southern California was organized and formally opened for students twenty-five years ago. It is under the control of a Board of Trustees and is incorporated as an educational institution. The income from all sources is expended for instruction and new equipment, educational results being the goal of the institution.

The Board of Trustees is composed of members elected by the Faculty of the College of Dentistry, the Southern California Dental Association, the Los Angeles County Dental Society, the Alumni of the College, and the Board of Trustees of the University of Southern California.

As a member of the National Association of Dental Faculties, and the National Institute of Dental Teachers, the College of Dentistry has ever cooperated with these bodies with the end in view of upholding the ideals of a profession devoted to the betterment of mankind.

The degree of this College is recognized by all State Boards of Dental Examiners, subject only to such restrictions as govern all dental diplomas in the state in which application to practice is made.

The school requires for graduation, in addition to the necessary preliminary education, four years of thirty-two weeks each to complete the course, which has been so arranged as to thoroughly prepare students for the practice of dentistry. The technical work is largely performed in the first two years, and a part of the third and most of the fourth year are given over, outside of the lecture hours, to clinical operations in the operatory, which is open every day from nine A. M. until five P. M. This affords an unusual opportunity for the development of skill in general operative procedures and clinical material is so abundant that each student can become familiar with all the various diseases of the teeth and of the oral cavity and their treatment.

Dentistry has in recent years assumed a degree of importance commensurate with the character of the services expected of the scientifically trained dentist. In war surgery the dentist is an indispensable adjunct, the recognition accorded to him by the governments of the world testifying to the broadening of the field of dentistry and the appreciation of its possibilities along preventive, curative and reparative lines. The advancement in this field is so continuous that it calls for a most thorough training in each of its several branches under the guidance of specialists in touch at all times with the latest expression of progress in the scientific and technical branches of the work.

SCHEDULE OF STUDIES

Freshman—Class

SUBJECT	Hours per Week		Hours per Year		Total Hours
	Didactic	Lab. oratory	Didactic	Lab. oratory	
Anatomy (Lab. 8 weeks).....	2	10	64	80	144
Biology	2	4	64	128	192
Dental Anatomy	1	6	32	192	224
Dental Rhetoric	3	0	96	0	96
Inorganic Chemistry	2	4	64	128	192
Physics	2	0	64	0	64
Physiology	2	0	64	0	64
Prosthetic Technic (1st Sem.)..	1	7	16	112	
Prosthetic Technic (2nd Sec.)..	1	10	16	160	304
Technical Drawing (1st Sem.)..	0	3	0	48	48

Sophomore—Class

Anatomy (Lab. 8 weeks).....	3	10	96	80	176
Comparative Anatomy	1	0	16		
(2nd Semester)			1 specimen		
Crown and Bridge Technic.....	1	3	32	96	128
General Histology (1st Sem.)..	2	6	32	96	128
General Pathology (1st Sem.)..	1	0	16	0	
General Pathology (2nd Sem.)..	2	2	32	32	80
Materia Medica (1st Sem.).....	1	0	16	0	
Materia Medica (2nd Sem.)....	2	0	32	0	48
Metallurgy (1st Sem.).....	1	2	16	32	48
Operative Technic (1st Sem.)..	1	4	16	64	
Operative Technic (2nd Sem.)..	1	8	16	128	224
Organic Chemistry (2nd Sem.)..	2	4	3	64	96
Physiology (Lab. 2nd Sem.)... 2	2	2	64	32	96
Physiology Chem. (2nd Sem.)..	2	2	32	32	64
Prosthetic Technic (1st Sem.)..	1	4	16	64	
Prosthetic Technic (2nd Sem.)..	1	8	16	128	224

Junior—Class

SUBJECT	Hours per Week		Hours per Year		Total Hours
	Di-dac-tic	Lab. ora-tory	Di-dac-tic	Lab. ora-tory	
Applied Anatomy (1st Sem.)...	1	0	16	0	16
Bacteriology (1st Sem.).....	4	2	64	32	
Bacteriology (2nd Sem.).....	1	2	16	32	144
Ceramics (1st Sem.).....	1	2	16	32	48
Crown and Bridge Technic.....	1	6	32	192	224
Dental Histology	1	2	32	64	96
Dental Pathology (Lab. 2nd S.)	2	2	64	32	96
Dental Therapeutics	1	0	32	0	32
Exodontia (2nd Sem.)	1	0	16	0	16
Medical Diagnosis (1st Sem.)..	1	0	16	0	16
Operative Dentistry	1	0	32	0	32
Operatory (1st Sem.).....	0	16	0	256	
Operatory (2nd Sem.).....	0	18	0	288	544
Oral Hygiene (1st Sem.).....	1	0	16	0	16
Orthodontia (2nd Sem.).....	1	2	16	32	48
Principles of Surg. (2nd Sem.)..	1	0	16	0	16
Prosthetic Dentistry (1st Sem.)	1	0	16	0	
Prosthetic Dentistry (2nd Sem.)	2	0	32	0	48
Radiography (1st Sem.).....	1	0	16	0	16
					<hr/> 1408

Senior Class

Anesthesia (1st Sam.).....	1	0	16	0	16
Crown and Bridge.....	1	0	32	0	32
Dental Economics (2nd Sem.)..	1	0	8	0	8
Dental Jurisprudence (1st Sem.)	1	0	16	0	16
Dental Therapeutics	1	0	32	0	32
Ethics (2nd Sem.).....	1	0	16	0	16
Materia Medica (1st Sem.).....	1	0	16		16
Operative Dentistry	1	0	32	0	32
Operatory (1st Sem.).....	0	33	0	528	
Operatory (2nd Sem.)	0	31½	0	504	1032
Oral Surgery (1st Sem.).....	1	0	16	0	
Oral Surgery (2nd Sem.).....	1	3	16	48	80
Orthodontia (1st Sem.).....	1	0	16	0	16
Prosthetic Dentistry	1	0	32	0	32
Rhinology	1	0	8	0	8
Special Pathology	2	0	64	0	64
Special Prosthesis (2nd Sem.)..	1	0	8	0	8
					<hr/> 1408

CONDITIONS OF ADMISSION

Applicants for admission to the College of Dentistry must be at least seventeen years of age, must give satisfactory reference concerning their moral character, and must by examinations, or by certificates which shall be satisfactory to the Faculty, give evidence of having completed a four-year high school course as given in an accredited high school, equivalent to fifteen units.* No student will be registered unless he is in possession of the full fifteen units required.

The fifteen units must be made up as follows:

English	2 units
Latin, French, German or Spanish.....	2 units
Laboratory Science (Botany, Zoology, Physiology, Physics or Chemistry).....	1 unit
Algebra and Plane Geometry.....	2 units
United States History and Civics.....	1 unit
Electives	7 units

Entrance certificates, in the event of the applicant not having completed a four-year course in an accredited high school, may be secured by examinations which will be conducted by the University of Southern California. Such certificates, presented as evidence of proficiency in any subject or subjects, must be acceptable to the State Superintendent of Public Education.

Admission to Advanced Grades on Certificates

This College will receive into the advanced grades of Sophomore and Junior years, only such students as hold certificates of having passed examinations in the studies of the Freshman and Sophomore years, respectively, in a school which demands the same preliminary educational requirements, and maintains the same curriculum as this college; except that a student who presents satisfactory evidence of graduation from a reputable medical college, and students with two full years' credit from a Class "A" medical school, approved by the American Medical Association, may be admitted into the Sophomore year.

All students who have successfully passed their examinations for advanced standing and have complied with all the rules of the College of Dentistry shall have their certificates given or mailed to them within thirty days after such examinations shall have been completed, such certificates to be assurances to any college to which the holder may apply, that the requisite number of terms have been spent in the College of Dentistry, University of Southern California, but the validity of these credentials should be verified by the dean of the institution to which the student desires to transfer.

* The term unit is here used to denote a preparatory subject studied through one school year with five class exercises (or the equivalent) per week.

Special Students

Special students will be required to attend the courses they desire to pursue with the same regularity as the regular students and will pay a proportionate tuition fee. No diploma or certificate will be issued at the close of such special study.

Students will not be permitted to matriculate for any session other than that immediately succeeding the date of matriculation.

This college reserves the right to refuse admission to any student or to terminate the attendance of any student, at any time, for what may appear to the Faculty to be good and sufficient cause, as inefficiency, conduct unbecoming to a gentleman or lady, or conduct not conducive to the morals of the institution; also to refuse a student the privilege of any special or final examination, for causes as above stated.

REQUIREMENTS FOR GRADUATION

The candidate for the degree of Doctor of Dental Surgery must be of good moral character. He shall have attended four full courses of lectures, of thirty-two weeks of six days each, exclusive of vacations, in this College.

He must complete all technical work prescribed throughout the course, perform all operations, treat all cases, insert the required number of artificial dentures, crowns and pieces of bridgework required in the respective departments. All this must be done in the Clinical Building, and entirely by the applicant for the degree. He must have conformed to all the rules of the College and paid all fees. He must pass a satisfactory examination, oral, written and practical, and, if found necessary, must submit to any additional test that may assist an instructor in obtaining a correct measure of the candidate's fitness to engage in the practice of dentistry. When these requirements have been complied with, he will be recommended by the Faculty of the College of Dentistry to the Board of Trustees of the University of Southern California for the degree of Doctor of Dental Surgery.

The degree will not be conferred upon a student who is not present in person at the commencement exercises, unless excused by the Dean.

SPECIAL COURSE IN MECHANICAL DENTISTRY

This course extends over a period of not less than one college year or longer, if deemed necessary by the head of the department. It has for its object the training of men and women in the laboratory phases of prosthesis and casting. The course includes denture construction, full and partial; metal work such as swaging, casting and skeleton work;

crown and bridge work, fixed and removable; splints, metal and vulcanite; simple and specialized attachments; methods of investing and casting inlays, clasps, saddles, and every form of cast anchorage.

Instruction fee, per month, \$25.00. Cost of instruments and supplies, approximately \$150.00.

SCHEDULE OF FEES

Fees are payable in two installments—October 1st and February 7th.

No student will be admitted for less than the stated fees.

Freshman Year:

Matriculation fee.....	\$ 5.00
Lecture ticket.....	200.00
Laboratory fees.....	30.00
	<hr/>
	\$235.00

Sophomore Year:

Matriculation fee.....	\$ 5.00
Lecture ticket.....	200.00
Laboratory fees.....	30.00
	<hr/>
	\$235.00

Junior Year:

Matriculation fee.....	\$ 5.00
Lecture ticket.....	200.00
Laboratory fees.....	30.00
	<hr/>
	\$235.00

Senior Year:

Matriculation fee.....	\$ 5.00
Lecture ticket.....	200.00
Laboratory fees.....	30.00
	<hr/>
	\$235.00

Costs of Books and Instruments

Before beginning his work, each student must possess all the required instruments.

All books and instruments employed are needed after graduation. The outfit includes a dental engine, and enables the student to start practice, on finishing his course, without much additional expense for instruments. A list of the instruments is furnished the student on his arrival. The cost is approximately \$150.00 per year.

Students are not admitted to class work and the Operatory until after purchasing the required books and instruments.

Students are advised to defer purchasing text-books until they have met the various professors and instructors in the classroom and have been instructed definitely as to the books required in the different departments.

Additional Items of Information

Blank forms of application for admission will be sent by the Dean upon request.

All fees due the College are payable to the Treasurer at the office of the College.

The matriculation fee must be paid before the name of a student will be recorded and is not returnable.

There will be no return of fees by reason of suspension or expulsion.

When the student is obliged to withdraw from the College before the last four weeks of a session for no misdemeanors, but for good and sufficient reasons, to be determined in all cases by the Faculty, he is entitled to a remission of three-fourths of the amount due for that portion of the time during which he receives no instruction, this remission to date from the reception of the Dean of a written notice of the student's withdrawal from the College.

A student may be called at any time to satisfy an instructor that he is pursuing the work of his department satisfactorily, in such a way as the instructor may determine.

Late arrival at an examination debars a student from the privilege of taking it. A special examination may be given upon payment of a fee of \$5.00.

Graduate dentists may be admitted to the Operatory, upon recommendation of the Dean, as special students at the regular fee, when not candidates for the degree.

Room and board can be obtained near the College.

Laboratory benches and operating chairs are assigned to students in the order of matriculation, and each student is required to employ the same throughout the session, but this privilege is forfeited if the student is not in attendance at the opening of the session.

Address all communications to

LEWIS E. FORD, D.D.S., Dean
COLLEGE OF DENTISTRY

University of Southern California
Los Angeles Street at Sixteenth

and

Figueroa Street and Exposition Boulevard
Los Angeles, California.

THE SCHOOL OF RELIGION*

GENERAL STATEMENT

The Maclay College of Theology of the University of Southern California was established in 1907 for the purpose of training young men for the Christian ministry. Many of its alumni are now at work in the Church, on both the Home and Foreign fields, as pastors and workers in other forms of service; a number of them having attained positions of great responsibility and high honor.

Instruction in the Bible was first provided in the College of Liberal Arts. In order to meet an ever enlarging demand for various types of trained Christian workers, a department of Biblical Literature and Religious Education was developed, which has, in the more recent years, grown to large dimensions. Following the remarkable growth of the University under the long and successful administration of President George F. Bovard, and the coming of his successor, President R. B. Von KleinSmid, the Trustees adopted a policy of more closely co-ordinating the work of the University pertaining to the training of men and women for religious service. Among the changes effected was a correlation of Maclay College of Theology and the Department of Religious Education in one organization under the title of The School of Religion on the Maclay Foundation. In this manner all the distinctive forms of religious instruction and courses for the training of workers in the Church, including the ministry and other forms of religious service, have been concentrated in one School.

In the new School a stronger and better organized faculty is to be provided, more complete courses of study systematically and logically developed, thereby furnishing the most thorough training for all modern requirements of religious service. Students will be able the better to arrange their courses under the guidance of faculty advisors for continuous progress from the early stages of their work in the College of Liberal Arts up to the attainment of a graduate degree.

* On the Maclay Foundation.

DEPARTMENTS

The School of Religion is organized in four departments as follows:

- I. Biblical Literature and the Principles of Religion.
- II. Religious Education.
- III. The Church and Its Program.
- IV. Divinity.

With the exception of certain specified courses in the department of Biblical Literature and the Principles of Religion, which are adapted to the Freshman and Sophomore years, the work of the School of Religion is limited to upper division and graduate courses. Majors are offered in the departments of Biblical Literature and the Principles of Religion and in Religious Education. The department of The Church and Its Program includes the work of the Church in its numerous activities, such as the local parish, the community, suburban and rural, and the home and foreign mission fields. The department of Divinity in correlation with other departments of the School of Religion provides a full standardized graduate course in theology, leading to the degree of Bachelor of Divinity.

IDEALS OF INSTRUCTION

The School of Religion recognizes the indispensableness of a proper Christian emphasis in the higher education and training of the young men and women of today. It thus seeks to prepare them as good citizens of their own country to be promoters of the world's welfare in making a real contribution to human progress by laboring for and maintaining those Christian ideals of life which alone are the hope of the world. Higher education without moral character based on religion is only a menace to humanity. The dedication of life to worthy and honorable service is the goal to which the School of Religion seeks to lead all of its students, under the inspiration of Christian standards and ideals.

FORMS OF SERVICE

The University also recognizes the unprecedented enlargement of the activities and organizations of the Christian Church and its new spirit of world service, and the multiplication of related religious and welfare organizations which are laboring for the uplift of humanity. In the School of Religion it provides adequate training for leaders and workers in all fields of present-day religious service.

The department of Divinity provides training of such extended and specialized character for ministers as will enable them, as leaders of Churches, to meet the unprecedented demands made upon them by present-day conditions.

In other departments it offers courses for training in the numerous religious activities of the present time, including the following:

Missionaries, Home and Foreign.

Deaconesses.

Directors of Religious Education in both Churches and Communities.

Recreational Directors.

Pastors' Assistants.

Y. M. C. A. and Y. W. C. A. Workers.

ADMISSION

Graduates of Junior Colleges and students who have attained the rank of junior are regularly admitted to the School of Religion and may pursue work either as a part of a Liberal Arts course or as a part of the pre-professional course leading to religious service. Undergraduate students majoring in Religion will be subject to all requirements prescribed for candidates for the Bachelor of Arts degree.

The holders of a Bachelor of Arts degree, the work for which is the full equivalent of the work required for the Bachelor of Arts degree at the University of Southern California, are admitted to the department of Divinity of the School of Religion provided they submit satisfactory evidence of good moral character and an intention to enter some form of religious service.

Special students who have had proper prerequisites may elect such studies in the School of Religion as in the judgment of the Dean they are prepared to pursue.

DEGREES

The Bachelor of Divinity degree will be conferred upon students who hold a baccalaureate degree and complete ninety units in the School of Religion in excess of the work required for the Bachelor's degree, and present an approved thesis.

A combined course has been arranged whereby prospective candidates for the degree of Bachelor of Divinity who have completed ninety-four units in Liberal Arts, including all undergraduate requirements, will be granted a Bachelor of Arts degree upon completing the first two years of the course leading to the Bachelor of Divinity degree, provided that the two years include thirty units of work credited in the College of Liberal Arts. Any work taken in Divinity prior to the completion of the Bachelor of Arts course shall not, in any way, modify the requirements for either the Bachelor of Arts or the Bachelor of Divinity degrees.

Candidates for the Master of Arts degree may major in Bible Literature and Principles of Religion or in Religious Education. For further information regarding the requirements for the Master of Arts degree, see Graduate School.

ELECTIVES IN OTHER DEPARTMENTS

In addition to the courses listed in the four departments of the School of Religion, candidates for the Bachelor of Divinity degree may elect, with the approval of the Dean, from the graduate courses listed in the several departments of the College of Liberal Arts.

LECTURES

The New Era Lectureship, a biennial event, is maintained by the University of Southern California under the auspices of the School of Religion. Already there have appeared as lecturers on this Foundation Bishops Adna Wright, Leonard and R. J. Cook. The next course will be given in February, 1923, by Bishop Francis J. McConnell, one of the most progressive and vital thinkers of the Christian Church in the United States.

Other lectures are given from time to time by noted men who, by their contributions, greatly enrich the instruction provided by the University.

Ministers and other speakers of wide reputation appear in periodic engagements on the platform of the University at the semi-weekly assemblies, and at Sunday vesper services. These advantages are open to all students in the School of Religion.

DEPARTMENTS OF INSTRUCTION

Professors J. F. Fisher, Blackledge, Healy, Hill, Montgomery, Teeter, Lena
L. Fisher, Hedley, Tilroe; Assistant Professors ————;
Instructor Price; Lecturers McCombs, Oxnam

Biblical Literature and Principles of Religion

Twelve units may be elected with the approval of the head of the Department from Education 102 and 132; History 130 and 131; Physical Education 102; Philosophy 52 and 120; The Church and Its Program 100, 120, 113, 135, 111, and 112; Religious Education 110 and 122; and Sociology 103, 110, 120, 158, and 165.

LOWER DIVISION COURSES

1. **Heroes of the Old Testament.** A survey course covering the early history of the Hebrew people, tracing the movements of their patriarchal and political leaders, and noting their reflection of developing religious life and belief.

Two units; first semester.

2. **The Prophet Reformers of the Old Testament.** A study of the various activities of the Hebrew prophets as teachers, preachers, statesmen, and social reformers; their respective contributions to the advancing religious thought of Israel.

Two units; second semester.

3ab. **The Life and Teachings of Jesus.** A detailed study of the personality, life, and public ministry of Jesus in chronological order. Careful attention will be given to questions concerning his birth, baptism, temptations, miracles, transfiguration, crucifixion and resurrection.

Two units; throughout the year.

UPPER DIVISION COURSES

100. **The Religious Development of Early Israel.** A study of Israel's early history, outstanding persons, principal events, early religious and moral practices; with especial emphasis upon the emergence and development of ruling ideas to the time of the great prophets. Open to juniors who have not had Bible Literature 1.

Three units; first semester.

102. **The Messages of the Great Prophets.** An historical survey of Israel from the time of Amos to the end of the Old Testament times, with particular stress upon the work and teaching of the great prophets; their unique relation to state, church, social life and development of religion. Open to juniors who have not had Bible Literature 2.

Three units; second semester.

103. The Life and Teachings of Jesus. A study of the life, teachings, work, and significance of Jesus Christ as viewed in the light of modern scholarship. Special emphasis is laid upon the living authority of Jesus and the ruling ideas of the Sermon on the Mount in sharp contrast with Jewish and Pagan religious ideas. Open to juniors who have not had Bible Literature 3ab.

Three units; first semester.

104. The Life and Teachings of Paul. A survey of the Apostolic Age; Paul's life and labors; Christianity's conflict with Paganism; and a careful estimate of the teachings in Paul's letters.

Three units; second semester.

105. The Origin and Development of the Bible. History of the formation of canons, of manuscripts, literary styles of various parts, leading types of productions, and tracing of the oldest manuscripts and versions; illustrated by lantern views. *Prerequisite:* Bible Literature 1 and 2, or 3ab.

Two units; first semester.

106. The Social Institutions and Ideals of the Old Testament. A study of Semitic social customs and institutions in their relations to Old Testament interpretations, tracing of social conditions, social progress; causes making for social changes; social elements in religious rites, rituals and festivals of Hebrew Life. *Prerequisites* Bible Literature 1 and 2, or 100 and 102.

Two units; first semester.

107. The Social Institutions and Ideals of the New Testament. A study of the social customs and institutions of the Graeco-Roman and Jewish world and their bearing upon the Christian movement; a tracing of social and ethical teachings found in the New Testament and a comparison of the social ideals in the teachings of Jesus, Paul and John. *Prerequisite:* Bible Literature 3 or 105.

Two units; second semester.

108. The Poetic Literature of the Old Testament. A study of the poetic grandeur of the book of Psalms; general characteristics, forms and themes of Hebrew poetry; religious and ethical teachings in the poetic books; liturgical use of the Psalms in Israel's worship. Open to seniors and graduates. *Prerequisite:* Bible Literature 1 and 2, or 100 and 102.

Two units; second semester.

109ab. Philosophy of the Christian Religion. A critical study of a selected number of modern standard writings, representative of significant movements in modern and current Christian thought. Open to seniors and graduates. Two units; throughout the year.

110. The Social and Ethical Teachings of Jesus. A study of the social and ethical principles involved in the teachings of Jesus and their interpretation for modern life; social responsibility, family obligations, relation to the state, care of the poor, protection of the weak, the use and abuse of wealth, treatment of criminals, remedial agencies for social ills. Open to seniors and graduates. *Prerequisite:* Bible Literature 3 or 103. Three units; first semester.

GRADUATE COURSES

200. Introduction to the Johannine Writings. The Fourth Gospel, the Johannine Epistles, and the Apocalypse will be studied with reference to their content, character, authorship, thought and teaching. *Prerequisite:* Bible Literature 3 or 103. Two units; first semester.

201. Introduction to the Epistle to the Hebrews and the Pastoral Epistles. The occasion, date, authorship, contents, and teachings of the Epistle to the Hebrews and the Pastoral Epistles. Open to graduates. *Prerequisite:* Bible Literature 104. Two units; second semester.

202 The Priestly Writings of the Old Testament. The activity, function and teachings of the priestly leaders, and their significance to Hebrew life and development; the character of the Priestly literature of the Old Testament. *Prerequisite:* Bible Literature 1 and 2, or 100 and 102. Two units; second semester.

203. The Wisdom Teachings of the Old Testament. A study of the form, character, purpose, distribution, and teachings of Israel's wisdom literature with especial attention to books of Proverbs, Ecclesiastes, and Job. *Prerequisite:* Bible Literature 1 and 2, or 100 and 102. Two units; second semester.

204ab. Seminar: Contemporary Religious Thought. Related groups of contemporary religious problems will be selected and critically studied, taken from the most representative and recognized sources. Two units; throughout the year.

Major: Thirty units selected with the advice of the head of the department. Of this amount eighteen units shall be taken from the Biblical Literature courses and the remaining units to complete the major may be chosen from the courses cross listed above from other departments.

Religious Education

UPPER DIVISION COURSES

100. An Introduction to the Study of Religious Education. A general introduction to the scientific study of Religious Education. The course is designed to equip the student with an intelligent approach to those aspects of the subject which involve psychology, curriculum, method, organization and history. The use of a scientific method of procedure in studying the problems involved in the teaching of religion. Three units; first semester.

101. History of Religious Education. Survey of the historical background of modern religious education. The Raikes movement. Development of the Sunday School in America. Denominational and other overhead educational agencies of the Church. Vacation and week-day church school movements. Three units; first semester.

110. The Psychology of Religion. Psychological factors in religious experience. Evolution of religious consciousness in the race. The psychology of religious groups. The phenomena of religious awakening and conversion. Normal religious growth. Forms and functions of religious expression. *Prerequisite:* Psychology 1. Three units; second semester.

120. The Religious Education of Children. A study of the religious capacities and limitations of childhood. Types of training suited to different ages. Forms of religious expression in the home and the church school. Making the religious motive function in grounding the fundamental virtues. Concrete aims in the building of character and personality. *Prerequisite:* Psychology 1; Religious Education (Psychology of Religion) also recommended. Two units; first semester.

121. The Religious Education of Adolescents. A study of religious development and problems peculiar to adolescence. The new consciousness of self and its religious implications. Religious awakenings. Establishing permanent religious habits and relationships. The grounding of a religious philos-

ophy of life. *Prerequisite*: Psychology 1; Religious Education (Religious Education of Children) also recommended. Two units; second semester.

122. Principles of Teaching Religion. The standardizing of method; the objectives of Religious Education; adapting subject matter to the ends sought. Types of lessons and teaching measures of good instruction. Supervised observation and practice work in class-room method and management. *Prerequisite*: Psychology 1.

Three units; second semester.

123. Class-Room Technic for Kindergarten and Primary Classes. A survey of scientific methods of instruction applied to church schools. The use of the story in religious teaching. Visual instruction. Use of dramatic and other forms of expression. Training in worship. *Prerequisite*: Religious Education (Principles of Teaching Religion) or its equivalent in general education method.

Two units; first semester.

124. Class-Room Technic for Junior and Intermediate Classes. The application of the principles of religious teaching to later childhood and early youth. Lesson planning. Story telling. The use of expressional activities. Socialized class work and supervised study. Preparing for church membership. *Prerequisite*: Psychology 1 and at least one course on principles or method of teaching.

Two units; second semester.

125. Recreational Leadership. The place of play, recreation and social activities in the program of the church. Principles and practice of program making. Detailed study of forms of play, games and other types of recreation suited to church groups. *Prerequisite*: The required physical training of the University and not less than two courses in Religious Education.

Two units; second semester.

GRADUATE COURSES

200. The Curriculum of Moral Religious Education. The new emphasis on the subject matter of religious education. The influence of curriculum contact on individual and national ideas. Function of the religious curriculum in present day reconstruction. The religious curriculum in other nations; the religious curriculum and the future of the church. Practice in curriculum making for particular needs. *Prerequisite*: Not less than four units of English Bible, Psychology 1. Three units; first semester.

201. Content and Organization of Lesson Materials. Principles involved; types of material for different ages of development; critical and constructive organization of the courses now most commonly employed in church schools; text-books and pamphlet forms of lessons; courses of study material for week-day and vacation schools for religion. (Continuous with 140.) *Prerequisite:* Religious Education 140.

Three units; second semester.

210. Organization and Administration of Religious Education. The principles of educational organization and administration. Prevailing types of organization used by religious bodies. Overhead organizations. Community organization for week-day, vacation and teacher training schools of the church. *Prerequisite:* Education 101 and at least two courses in Religious Education.

Two units; first semester.

211. Organization and Supervision of a Church School. This course studies specifically the problems involved in organizing and administering the school of an individual church. The setting up of a program. Supervision of curriculum teaching. Problems of grading and promotion. Apply tests of educational efficiency. *Prerequisite:* Education 101 and at least two courses in Religious Education.

Two units; second semester.

220ab. Seminar. A study is made of current problems and movements in the field of religious education, such as week-day church schools, vacation schools, teacher training schools, home training in religion, etc. Intended for directors of religious education and pastors. *Prerequisite:* Four courses in Religious Education or an equivalent. Open on consultation.

Two units; throughout the year.

Major: Twenty hours selected with the advice of the head of the department; and prerequisite or supplemental to this, Bible 6 units; Psychology 1; general education four units.

The Church and Its Program

A major is not offered in this department. A maximum of sixteen units will be credited toward the Bachelor of Arts degree.

UPPER DIVISION COURSES

100. Spread of Christianity. The expansion of Christianity within the Roman Empire from the second to the sixth centuries; persecutions, the rivalry with other religions, the status of Christians socially and politically, the process of centralization and unification, internal developments, the growth of the Church as an institution.

Two units; first semester.

101. History of Modern Religious Development. Christianity and the Christian Church in their adaptations and adjustments to world conditions in the nineteenth and twentieth centuries; outstanding phases of teaching and service as related to modern political, social and industrial life; church life and doctrine as developed under modern conditions.

Two units.

102. History of the Protestant Movement in the United States. Transplanting the Protestant faith from Europe; distinctive modes of polity, life and thought; development of forms of organization and worship, and evangelistic, educational, benevolent and missionary agencies.

Two units.

110. Principles and Methods of Church Administration. Principles and forms of modern church organization and programs, and their successful co-ordination and operation. The relation of the pastor and his staff to general church boards and interdenominational movements.

Three units.

111. The Rural Church. The rural church and the pioneer period in America; changes in rural conditions and the decadence of the church; the awakening of interest in the rural church; the village as the center of religious life; handicaps to rural life progress; labor income of the farmer and church finance; rural attitudes and the church program; the social function of the church; case study of successful country churches.

Two units; second semester.

112. The Urban Church. Its modern development and characteristics; its field in present-day city life; its spirit and program, and co-ordination with religious and welfare agencies.

Two units.

113. The Science of Survey Making and Program Building. This is a study of the essential elements pertaining to the making of a survey, upon which may be based a program of a social, moral, educational or religious nature.

Three units; first semester.

115. Religious Problems of Latin America. A study of the religious thought of the Latin-American people, showing how the religious ideals have influenced their social, ethical, moral, and political reactions.

Three units; first semester.

120. Comparative Studies of World Religions. A study of the existing non-Christian religions with which Christianity comes in contact in its missionary enterprise—Hinduism, Buddhism, Confucianism, Taoism, Shintoism and Mohammedanism.

Three units; throughout the year.

130. History of Early Missions. A study of the nature, universality and purpose of religion, and a comparison of Christianity with the non-Christian religions. The spread of Christianity throughout the Graeco-Roman world; followed by a survey of the missionary movements which resulted in the winning of Northern Europe. Lectures, reports and readings.

Three units; second semester.

131. History of Modern Missions. A study of the expansion of Christianity since the Reformation. The development and influence of the missionary movements of Protestantism from the time of the Pietists and Moravians to the present. Lectures, assignments and papers.

Three units; second semester.

132. Development of Christianity in the Mediterranean Basin. A study of the development of Christian Missions in Southern Europe and North Africa.

Two units; both semesters.

133. Modern Missions in the Orient. A study of the history, methods, problems, results and prospects of Christian Missions in China, Korea, and Japan.

Three units; second semester.

134. The Rise of the Indian Ocean Civilization and Christian Missions in the Philippine Islands, Southeastern and Southern Asia. Its contacts with native civilizations and religions; operation of missionary organizations; results in establishment of Christianity and development of a new civilization.

Three units; first semester.

135. Principles and Methods of Missionary Administration. The underlying principles of missions are examined and the practices of the various boards in their work abroad is discussed; also a survey of the peoples to the west is made and the type of message to be presented will be outlined.

Three units; second semester.

140. Personality in Missions. A study of great missionaries; their consecration, preparation, problems, achievements and methods of work.

Two units; second semester.

141. Social Aspects of Foreign Missions. A study of the bearing on missions of the social point of view, the social problems and accomplishments of missions, the social opportunities and tasks awaiting missions, and the social function of the family, the church, and the school in Christianizing society.

Three units; second semester.

Divinity

204ab. Old Testament Interpretation. In the original Hebrew. Beginners are introduced to the study of the language, and the course proceeds to the reading and exegesis of selected portions of Old Testament writings.

Three units; throughout the year.

206ab. Old Testament Interpretation. In the English language. A study in the authorship and contents of selected portions of the Old Testament with their historical backgrounds, with emphasis upon both their religious interpretation and literary values.

Two units; throughout the year.

210ab. New Testament. Reading in the original of selections from the Gospels connected historically and chronologically. Translation and exegetical study of Galatians and the Pastoral Epistles. Continued attention to forms and constructions compared with the Septuagint, the recently discovered Greek papyri and the classic Greek. Prerequisite: One year of Beginners' Greek.

Two units; throughout the year.

212ab. Advanced New Testament. Exegetical study of First John, First and Second Corinthians, Philippians, Thessalonians, Hebrews and Romans. Lectures on New Testament manuscripts. Prerequisite: Greek 10ab or equivalent.

Two units; throughout the year.

214. Word Studies in the New Testament. Historical, analytical and concordant study of such words as believe, faith, repentance, grace, glory, sanctify, holy, perfect, eternal, love and many others. The object is to supply what the English versions fail to express in the use of such words in translating the original. Greek language not a prerequisite. Two units; first semester.

216ab. New Testament Interpretation. In the English language. Studies in New Testament writings in their setting in Jewish religious, national and social ideas, and in the times and customs of their authors and actors; special consideration being given to the writings of Luke. Two units; throughout the year.

218. Theology of the Old Testament. A study in the origin and development of the religious ideas of the Old Testament in the light of their historic backgrounds, and to interpret their doctrinal and religious values. Three units; first semester.

220. Theology of the New Testament. A study in the origin and development of the teachings of the New Testament in the light of their historic backgrounds, and to interpret the doctrinal and religious values. Three units; second semester.

222ab. History of the Christian Church. A course in general Church History, designed to give a comprehensive survey of the entire field, with emphasis on the more interesting and important points. Two units; throughout the year.

224. Principles and Origin of the Methodist Episcopal Church. Studies in the "Discipline" of the church, designed to prepare students for meeting entrance requirements of Annual Conference. Two units; second semester.

226. History of Christian Doctrine. The origin and development of the leading doctrines of the Church. Controversies, heresies, councils and decrees of the early Christian Church. Two units; first semester.

228. History of Christian Doctrine. The development of doctrine as leading to the Reformation. The various church creeds. Special attention is given to modern tendencies in theological thought and the marked change of emphasis by the pulpit and press. The reactionary spirit. Two units; second semester.

230ab. Systematic Theology. The doctrine of Christianity in systematic form, embracing the truth concerning God and his relation to his universe, and of man in his relation to God, including the person and the redemptive work of Christ.

Two units; throughout the year.

231ab. Advanced Systematic Theology. A continuation of Divinity 230ab.

Two units; throughout the year.

232. Philosophy of Religion. An examination of the leading theories offered in explanation of the ultimate nature of reality.

Two units; second semester.

234. Christian Ethics. The general nature of moral conduct, current ethical theories, and their application to practical life.

Two units; first semester.

236ab. Subject Matter and Technique of Preaching. A study in sermon materials, composition and delivery. Readings, discussion and exercises will be supplemented by careful homiletical studies of certain great preachers.

Two units; throughout the year.

238. Public Worship. A study of the principles and methods of public worship. Special attention will be given to the order of service, the spiritual elevation of forms and liturgies, administration of the sacraments, the ministry of music and the composition and spirit of public prayers.

Two units; second semester.

240ab. The Pastoral Office Under Modern Conditions. This course covers the whole field of the pastoral office; personal habits, manners, ethics and religion; pastoral visiting, relation to the various organizations of the church, community organizations, social and industrial.

Two units; throughout the year.

242ab. The Function and Method of Evangelism. A study of Evangelism in its psychological aspects and in its application to the organized church, emphasizing principles, methods and organization.

Two units; first semester.

For further information and completed bulletin of the School of Religion, address, John F. Fisher, Dean of the School of Religion of the University of Southern California, Los Angeles, California.

THE COLLEGE OF PHARMACY

The pharmacist of today requires a high grade of technical knowledge. The College of Pharmacy, an integral department of the University of Southern California, was organized to supply this demand; its aim and purpose being to create a means for higher pharmaceutical education, and to supply a broader foundation for the student's professional career by providing systematic instruction and special training in those subjects requisite for the successful practice of pharmacy.

LOCATION AND EQUIPMENT

The College of Pharmacy is located at 35th Place and University Avenue, on the campus of the University of Southern California.

The extensive equipment of the departments of Chemistry and Biology of the College of Liberal Arts is available for the use of the student of Pharmacy.

UNIVERSITY ADVANTAGES

The close association of the student of the College of Pharmacy with those of the other colleges of the University on the same campus affords valuable opportunities of social culture and attending prominent lectures on subjects of vital interest to the student.

SCHEDULE

The session will open September 21, 1922, and will continue until June 18, 1923. The schedule is arranged for the forenoon so as to allow students the privilege of retaining their positions as clerks in the stores of Los Angeles and neighboring towns while attending college. The hours of instruction are from 8 a. m. to 1 p. m.

CURRICULUM

The subjects included in the curriculum are operative and dispensing Pharmacy; organic, inorganic and analytical Chemistry; Botany; Materia Medica; Pharmacognosy; Toxicology; Physiology; Sanitary Science; Food and Drug Analysis; and Microscopy; together with special lectures upon business topics especially suited to the retail pharmacist. The methods of instruction embrace lectures, demonstrations, recitations, written and oral examinations, constant laboratory work, and individual instruction.

REQUIREMENTS FOR ADMISSION

For conditions of admission to the University see page 42.

1. Admission to the two-year course leading to the degree of Graduate in Pharmacy, and the three-year course leading to the degree of Pharmaceutical Chemist.

Candidates for the degree of Graduate of Pharmacy or Pharmaceutical Chemist will be admitted upon the completion of at least three years of high school work or its equivalent after eight years of grammar school work.

2. Admission to the four-year course, leading to the degree of Bachelor of Science in Pharmacy.

Candidates for the degree of Bachelor of Science in Pharmacy will be admitted upon graduation from an accredited high school or other preparatory school of approved rank, requiring for graduation not less than fifteen units* of work successfully carried.

3. **To Advanced Standing.**—Students who have pursued courses of study in other colleges of pharmacy will be given credit for such portions of their work as are equivalent to the work required by this College.

4. Persons who have received the degree of Graduate in Pharmacy (Ph.G.) from this College, or who have received an equivalent training elsewhere, are eligible to advanced courses.

5. **Students Not Candidates for Degrees.**—Persons who present evidence of sufficient scholarship may be admitted as special students. Applicants for admission as special students should file their application and credentials with the Dean four weeks before the beginning of the school year.

EXAMINATIONS

Written examinations are held from time to time during the sessions in each of the subjects taught by the professors and the ratings received are recorded. Attendance upon these examinations is compulsory. Any student unavoidably absent is required to give the professor a written statement of the cause of his absence.

Each student is required to attend at least eighty per cent of the lectures and laboratory sessions in each department, and failing to do so becomes ineligible for examination except where, prior to the examination, he presents a satisfactory excuse for his absence.

* The term "unit" is here used to denote a preparatory subject studied throughout one school year with five class exercises (or the equivalent) a week. This grade of preparation is equivalent to that indicated for admission to the College of Liberal Arts, in present year-book, pages 31-50.

REQUIREMENTS FOR GRADUATION

1. **The Candidate** must be of good moral character and must have maintained an irreproachable moral standing while in attendance at this College.

2. He must have attended at least eighty per cent of the lectures, reviews, and laboratory work.

3. He must be present at Commencement unless excused by the Dean.

Degree of Graduate in Pharmacy.—The candidate for the degree of Graduate in Pharmacy (Ph.G.) from this College must have fulfilled the following conditions: Must have met entrance requirements. He must have attended two full years of instruction in this College, or one year in this, after a course of one year in some other recognized College of Pharmacy.

Degree of Pharmaceutical Chemist.—To attain to the degree of Pharmaceutical Chemist (Ph.C.) the candidate must have complied with the following conditions:

He must have met the entrance requirements.

He must have received at this College or from some other reputable College of Pharmacy, the degree of Graduate of Pharmacy (Ph.G.) under the conditions specified above.

He must have completed at this College a course consisting of not less than twenty-five units of University work, including the preparation of a satisfactory thesis embodying the results of original investigation in a subject in or allied to pharmacy or chemistry.

Degree of Bachelor of Science in Pharmacy.—The candidate for the degree of Bachelor of Science in Pharmacy must fulfill the following conditions:

He must have met entrance requirements.

He must have completed 120 units, including required and elective work. For detailed statement of course, see outline of the course page (13) College of Pharmacy Bulletin.

The American Conference of Pharmaceutical Faculties.—The College of Pharmacy holds membership in the American Conference of Pharmaceutical Faculties. The chief object of this conference is the promotion of pharmaceutical education; and all institutions holding membership in the same must maintain requirements for entrance and graduation not below a specified minimum. These requirements are as follows:

For the sessions of 1923-1924 and thereafter, not less than four years of high school, or its equivalent, for entrance as a candidate for a degree.

DEPARTMENTS OF INSTRUCTION

BOTANY AND BIOLOGY

1. **Botany.** The year is devoted to the study of seed-bearing plants (the Spermatophyta) followed by a more brief consideration of the Algae and Fungi (Thallophytes), the Mosses and Liverworts (Bryophytes), and the Ferns and their allies (Pteridophytes). (1) The parts of the flower, leaf, root and stem are studied with reference to the classification of plants and the nomenclature in each of the more important families. (2) The microscopic structure of the parts of the plant is then studied in order to familiarize the student with the kinds of cells found in the stem, root, and leaves, preparatory to the study of pharmacognosy. (3) A study is made of the manner in which drug products are produced by the life-processes and habits of plants. Special attention is given to those plants that are of importance to the pharmacist. One lecture and two laboratory hours per week; both semesters, junior year. Four units.

2. **Plant Histology.** Throughout course 1 the student has been learning the use of the microscope, its parts, the methods of preparing slides for temporary use, etc. In course 2 the student examines and uses the different kinds of microscopes and accessories. He learns how to measure microscopic objects (micrometry) and how to prepare permanent slides of tissues and other objects. Botany 1 is required as a prerequisite.

Two hours laboratory per week, second semester. One unit.

3. **Biology. Advanced Bacteriology and Sanitary Science.** The course consists of an advanced study of Bacteriology in its relation to hygiene, sanitary science, and the work of the pharmacist. It consists in part of testing water, staining bacteria, and testing disinfectants, together with a study of the bacteria of foods. Four units first semester and two units second semester.

CHEMISTRY

1. **General Inorganic Chemistry.** This is a course of lectures and demonstrations designed to be an introductory course in general chemistry, and including a consideration of the principles governing chemical action and a description of the properties of the various elements and their compounds, as well as drill in the meaning and use of symbols in chemical formulae and equations. The student prepares the more important elements of their compounds, making a care-

ful study of their chemical and physical properties. Special emphasis is placed on chemical facts involved in the daily work of the pharmacist.

Two lectures per week, both semesters. Two units.

2. Inorganic Chemical Laboratory. A detailed study of the chemical and physical properties of the non-metals and their more important compounds is made, and practical instruction is given in elementary qualitative analysis.

Six hours laboratory work per week; first semester. Three units.

Two lectures per week; second semester. Two units.

3. Qualitative Analysis. This course, following that in General Inorganic Chemistry, is a study of the methods of separation and identification of the principal bases and acids. In this work the identity and purity tests of the Pharmacopoeia are studied. The student analyzes for bases and acids a number of compounds unknown to him, and makes tests for impurities in pharmaceutical and commercial chemicals.

Six hours laboratory work per week, second semester. Three units.

4. Organic Chemistry. The course covers the whole field of this branch, which is of first importance to the pharmacist. Special attention is paid to those compounds that are of pharmaceutical value, including synthetical and medicinal preparations. The following subjects are studied with care: Hydrocarbons, alcohols, ethers, compound ethers, aldehydes, glycerin, fats, soaps, oils, carbohydrates, organic acids, amines and amides, aromatic bodies, resins, albuminoids, cyanogen compounds, alkaloids, etc. Some of the important chemical operations occurring in nature receive attention, such as combustion, decay, fermentation and putrefaction. The laboratory work consists of the preparation of typical organic preparations illustrating the general reactions involved in organic chemistry. Among the preparations made are ether, chloroform, iodoform, acetic ether, acentanilide, methyl salicylate, etc.

Two lectures and six hours' laboratory work per week; first semester. Five units.

5. Quantitative Analysis. An introduction to the underlying principles of gravimetric and volumetric analysis. Attention is paid to the standard "Volumetric Solutions" of the Pharmacopoeia. One lecture and six hours' laboratory work, second half of first semester. Two units.

6. Pharmaceutical Assaying. This course trains the student in technical processes used in drug assaying and in standardizing, pharmaceutical preparations. Two lectures and six hours' laboratory work per week first half of second semester. Two units.

7. Toxicology. Lectures in which are studied the different kinds of poisons, the classes of antidotes, the various bodily conditions that modify the effects of poisons, and the different channels by which poisons may enter the body. Later each poison is taken up in detail and studied as to its lethal dose, symptoms, antidote and treatment. Attention is given to posology, doses of potent drugs being given special emphasis. The practical laboratory work deals with separation and identification of the common poisons. One lecture and two hours' laboratory per week. Second half, second semester. One unit.

8. Urine Analysis. Lectures on both the normal and the pathological constituents of urine. In the laboratory the qualitative and quantitative estimation of sugar, albumin, urea, etc., is studied, and microscopic examination is made of the sediment.

One lecture and two hours' laboratory per week, second half of second semester. One unit.

COURSES IN COLLEGE OF LIBERAL ARTS

Organic Chemistry. Lectures and recitations on the chemistry of the carbon compounds. Perkin and Kippings' "Organic Chemistry." Two units; both semesters.

Chemistry 7a. Organic Preparations. A laboratory course in the preparation of typical carbon-compounds in both the aliphatic and aromatic series, to accompany course 7. Two units; both semesters.

Chemistry 7b. Organic Preparations—Advance. A laboratory course in the preparation of higher organic compounds, with supplementary reading on theory and methods. This course is recommended to graduate students who expect to do technical work in the field covered by organic chemistry, or who desire to pursue research in chemistry for higher degrees. Text: Gattermann, Cohen, or Emil Fischer. Either or both semesters.

Chemistry 8. Mineral Analysis. Gravimetric and volumetric analysis of representative minerals, ores, and alloys. Prerequisite, course 4 or its equivalent. Three or five units; either semester.

Chemistry 9. Physical Chemistry. A lecture course or its equivalent. A general study of electro-chemistry is included in the work of the second semester. Bigelow's "Theoretical and Physical Chemistry" will be used as a main reference book. Two units; both semesters.

Chemistry 9a. Physical Chemical Measurements. A laboratory course to accompany or follow course 9. Molecular and atomic weight-determinations by vapor-density, boiling-point and freezing-point methods. Problems in chemical

equilibrium and reaction velocity. Determination of conductivity of electrolytes, fraction ionized, ionic mobility, single and double potentials, the preparation of standard cells. Three hours of laboratory work a week. One unit; both semesters.

Chemistry 12...Food Analysis. A laboratory course in the chemistry of meat and meat products, edibles and fats, dairy products, cereal products, saccharine products, canned vegetables, cocoa, tea, coffee, spices, vinegar, flavoring extracts, fruits and fruit products, fermented and distilled liquors, baking powders, food preservatives, and coloring matter. Open to students who have completed courses 4 and 7. Two units; either semester.

Chemistry 13. Industrial Chemistry. A lecture course covering the chemistry involved in the manufacture of oils, soap, sugar, explosives, and other commercial products. Lectures will be given by chemists from various manufacturing establishments. Prerequisite, courses 2, 3 and 7. One unit; second semester.

Chemistry 13a. Oil and Gas Analysis. A laboratory course in commercial oil and gas analysis. A special oil laboratory is equipped for handling crude petroleum on a basis commensurate with commercial practice. Two units; second semester.

Chemistry 14. Assaying. This course comprises silver and gold extraction by scorification and crucible methods; the fire-assay of copper, lead, tin; the extraction of gold from ores by the amalgamation, the chlorination, the cyanide and the electrolytic processes. Two units; second semester.

Chemistry 16. Research. Research work under the direction of the department, may be pursued in either pure or applied Chemistry.

COMMERCE AND BUSINESS ADMINISTRATION

It is impracticable to give descriptions of all courses offered in the university available for students in the College of Pharmacy. In the various colleges and departments will be found a large number of courses from which suitable electives may be chosen. The student of the College will have access to the resources of the entire University.

1ab. Economics I....A comprehensive introduction to economic studies, based upon a recent text, lectures, assigned readings, and student exercises. This course is in general a prerequisite to all other courses in Economics. Three units, throughout the year. (Hunt.)

5. Economic Geography. History and present status of industry and commerce in the world; the world market, and national policies in the development of resources, especially in the United States. Two units; second semester. (Phillips.)

10. Business Law I. A survey of the commercial importance of the principles included in the law relating to Contracts, Agency Partnership, Debtor and Creditor, and Bankruptcy. Three units; first semester. (Marston.)

11. Business Correspondence. The writing of business letters, sales letters, follow-up letters, collection letters, adjustment letters. Particular attention will be given to sentence structure, paragraphing, organization of materia and effectiveness of expression. Two units; either semester. (Wann.)

14a and 14b. Accounting: Theory and Principles. Relation of the science and art of Accounting to the economics of modern business. Interpretation of the balance sheet, with special applications in bank accounting, trust accounting, insurance accounting, etc. Three units; throughout the year. (Bakerville.)

15. Advertising. Theory and practice of commercial publicity. Writing of advertising copy; psychological principles of advertising; typography; preparation of an advertising campaign. Two units; first semester. (Goodnow.)

117. Salesmanship. The aim of this course is to study the underlying principles and psychology of salesmanship, and part of the course is given over to a discussion and lecture on the practical application of the principles and theory of salesmanship. Two units; either semester. (Lindsay, Bogue and Stonier.)

137. Business Psychology. A study of the psychological factors in business transactions. Special attention given to advertising, salesmanship, etc. Two units; second semester. (Todd.)

150. Industrial Management. The aim of this course is to familiarize students with the best manufacturing practices as used by executives. The efficiency movement, its justification, cost problems, and basic principles. Selecting and training help, factory lay-out, the flow of work and economy routine, and the training of future executives. Two units; second semester. (Rogers.)

MATERIA MEDICA AND PHARMACOGNOSY

1. Materia Medica and Pharmacognosy. The course treats first of the drugs of vegetable (phanerogamic and cryptogamic) origin, and then proceeds to consider the drugs of animal derivation. Each drug is considered as to its nature, origin, commercial and botanical relation, microscopical structure, active principles, therapeutic action, doses, etc. Adulterations, admixtures and substitutes are thoroughly discussed. The work is based upon the Pharmacopoeia; at the same time due attention is given to those remedies that are unofficial. Two hours per week, both semesters. Two units.

2. Pharmacology and Therapeutics. A study of the classification of medicines based on therapeutic action, doses, incompatibility, and toxicology. Two hours per week, both semesters. Two units.

PHARMACY

1. Theoretical Pharmacy. Pharmacy in its historical and professional relations, meteorology, and specific gravity; a study of weights and measures; heat, its sources and uses, thermometers; solution; evaporation, distillation, sublimation; filtration, extraction and their modifications; a study of standard galenical preparations and extemporaneous pharmacy. Three lectures and recitations each week. Both semesters. Three units credit each semester.

2. Pharmaceutical Laboratory. Manufacture of the simple preparations of the United States Pharmacopoeia waters, spirits, syrups, infusions, decoctions, tinctures, mixtures, emulsions, and chemical salts. Six hours in the laboratory weekly; throughout the year. Three units.

3. Galenical Pharmacy. A continuation of Pharmacy 1. Fluid extracts and resins; powders, masses, pills, confections, troches, capsules, cachets, tablets, ointments, suppositories and plasters. Three lectures and recitations each week. Both semesters. Three units credit each semester.

4. Pharmaceutical Laboratory. This course follows Pharmaceutical Laboratory Course 2. The work covers the manufacture and purification of inorganic chemical compounds, etc. Six hours in the laboratory weekly, throughout the year. Three units.

6. Dispensing. A course in compounding and dispensing of prescriptions, with special reference to chemical, physical and therapeutical incompatibilities. One hour, both semesters. One unit.

7. Drug Assaying. A laboratory course covering official and non-official methods of assaying drug products and methods for the detection of adulterants. Two laboratory periods of two hours each the last half of the second semester. One unit.

8. Pharmaceutical Arithmetic. This course deals with problems and calculations involving weights and measures, specific gravity, percentage solutions, allegation, thermometers, etc. Both semesters. One unit.

PHYSIOLOGY, HYGIENE, AND SANITARY SCIENCE

1. Physiology. A study of the human body, its parts, and the way it carries on the functions of digestion, circulation, etc. All the systems of organs are considered, and each of

the fundamental processes is studied. The semester's work prepares the student to understand to some extent what action drugs may have on the body.

One hour lecture and demonstration per week; first semester. One unit.

2. Hygiene. The care of the body as to use of foods, drink, fresh air, exercise, etc.; the methods by which one may enjoy health as a result of right living and the injury likely to result from wrong habits; and the place of drugs in every-day affairs as they are related to hygiene.

One hour lecture and demonstration per week; second semester. One unit.

3. Bacteriology. The nature of bacteria, the methods of growing them, and their place in nature. A sufficient acquaintance with these forms is attained to enable the pharmacist to know which bacteria are beneficial, which disease-producing; what conditions are harmful and what not; how to prevent decay in foods, and other substances; and the best methods of sterilizing and disinfection. Water, milk and other foods receive special study with reference to the bacteria they contain. The course gives sufficient practice in handling bacteria to dissipate needless fear of them and to enable one to guard against the danger of infection where disease-producing forms are likely to be present.

One hour lecture and demonstration per week; first semester. One unit.

4. Sanitary Science. A study of (1) the nature of infectious diseases and their dissemination and control; (2) the problems of water-supply and sewage; (3) the distribution and care of foods in relation to the public health; (4) sanitary surveys of residences, resorts, and public buildings; and (5) the various agencies for the federal, state and municipal supervision of the public health. Each student makes a study of a residence or a public building and incorporates examinations.

One lecture per week; second semester. One unit.

AUXILIARY LECTURE COURSES

Second Semester—2 Units

A number of auxiliary lecture courses are given each year. These lectures assist in rounding out the college course and making it more complete. The amount of time devoted to any one course varies, depending upon the relative importance of the subject and the amount of time available.

1. First Aid to the Injured. This course of several lectures is planned to meet the immediate needs of the pharmacist who is often called upon to render first aid in accidents and do general emergency work. The subjects touched

on are wounds and their treatment, burns, fractures and dislocations, poisoning, resuscitation from unconscious conditions, bandaging, etc.

2. Commercial Pharmacy. This course consists of a series of lectures on topics in connection with the conduct of the business of Pharmacy such as purchasing, sales, credits, insurance, advertising, partnership, co-operation, statistics, stockkeeping balance sheets, business correspondence and speech.

Instructors are drafted from the College of Commerce, with whom the College of Pharmacy is affiliated, as well as other lecturers selected from those actively engaged in the drug business, thereby giving the student the benefit of having these subjects from a practical and structural view point.

3. Salesmanship. A number of talks on selling goods are given by successful salesmen engaged in various lines of business.

4. Pharmacal Jurisprudence. This course consists of several lectures in which the rights and responsibilities of pharmacists and the laws affecting them are taken up and fully considered. The Constitution of the United States and the State Constitutions are explained, then the Federal and the State laws, international law, etc. The statutes regulating the practice of Pharmacy, with their constitutionality, are discussed. The legal limits of Pharmacy, the right to practice, the legal qualifications of the pharmacist, etc., are considered, together with the liability of the pharmacist and the manufacturing pharmacist.

5. Pharmaceutical Latin. A short course covering only those Latin words and phrases used in everyday pharmacy and dispensing. Proper syntax is considered briefly. Practice in reading prescriptions is given. Abbreviations and their use and misuse are discussed fully.

6. Prescriptions. Reading the prescription, checking the dosage, filling it quickly and accurately, checking and re-checking the quantities of the ingredients used, overcoming incompatibilities and other difficulties in compounding, the style of container to use, and elegance in labeling and wrapping are some of the points considered. The Harrison narcotic law is explained. The course is accompanied by quizzes and laboratory practice in prescription filling.

7. Biologicals. Biological therapy is now an important factor for the treatment of specific diseases. The United States Government and several private scientific laboratories are doing extensive research work along this line and are making decided advancement. It is important that the future pharmacist should be thoroughly conversant with biologicals and their method of preparation from the growing of the cul-

ture to the finished product and its administration. It is the aim of this course to give a general, practical and commercial knowledge of this subject.

8. Food and Drug Adulteration. A brief course treating of the more common adulterants likely to be found in drugs, chemicals and food products, and suggestions on methods of detection. The various pure food and drug laws are explained together with the laws concerning the labeling of fungicides and insecticides. The subject of adulteration is dealt with more fully in the graduate courses in food and drug analysis.

9. Industrial Chemicals. In many localities, the sale of chemicals and supplies for fungicide, insecticide or other purposes can be made a very profitable business by the well informed druggist. This course consists of a number of talks on the uses of chemicals which are of interest to the druggist for this reason.

10. Therapeutics. A short course confined principally to commonly used remedies such as cough syrups, cathartic pills, headache tablets, etc.

11. The Manufacture and Sale of Cosmetics. Two, or more lectures on the composition and characteristics of the different kinds of toilet preparations, particularly creams and powders, with a view toward enabling the student to talk intelligently on this subject and to make satisfied customers in the store.

12. Drug Store Spanish. Because of the large Mexican population in this part of the United States a knowledge of Spanish is undoubtedly a great advantage to any one in business. It is obviously impossible to include a complete course in Spanish in the already crowded course of the College of Pharmacy. Prospective students are therefore urged to make a study of Spanish a part of their high school course. However, a short course will be given consisting principally of drills on the pronunciation of the names of the items commonly purchased at the drug stores by Mexicans.

FEEES AND EXPENSES

Tuition Fees. The tuition fee for the first and second years is \$130. The payment of this fee entitles the purchaser to one continuous course of lectures and laboratory instruction in all departments. The tuition fee for the third and fourth years will be \$210. No part of the tuition fee is returnable.

Laboratory Fees. A laboratory fee of \$44.00 for the first and second year is charged for drugs, chemicals and other material consumed in the prescribed laboratory courses. The laboratory fee for third and fourth year students will depend on the courses elected.

Breakage Deposit. Chemical and pharmaceutical apparatus, together with microscopes and other implements required in the work of the course, are furnished by the college without expense to the student, but breakage or damage to apparatus must be paid for. For this reason each student is required to deposit \$20.00 with the Treasurer. This deposit or such portion of it as is not required for the specified purpose, will be refunded at the close of the term.

Diploma Fee of \$10.00 will be required.

Payment of Fees. All fees are to be paid at the beginning of the term. Where this is impossible, the laboratory deposit and at least one-half of the tuition fee must be paid upon entering the class, the balance of the tuition fee to be secured by note to be paid sixty days from date of matriculation. Non-payment of fees debars the student from the final examinations.

Special Students, may by permission of the faculty, take any part of the course at a tuition fee to be decided by the Executive Committee. Medical students will find a systematic instruction in pharmacy an excellent foundation for a medical course. The instruction offered in this school of pharmacy will also give a working knowledge of chemistry to those interested in the engineering and metallurgical industries.

The University reserves the right to change any of the rates printed in this book without notice.

GENERAL INFORMATION

The session will open September 14, 1922, and will continue until June 14, 1923. The schedule is arranged for the forenoon so as to allow students the privilege of retaining their positions as clerks in the stores of Los Angeles and neighboring towns while attending college. The hours of instruction are from 8 a. m. to 1 p. m.

Credentials. The credentials for entrance should be presented on the date of matriculation or earlier. Blanks for these credentials may be obtained from the College of Pharmacy and filed out by the principal of the high school last attended. The credentials presented should indicate the subjects studied, the grade attained, the time devoted to each and should be mailed to the College of Pharmacy.

Board and Lodging. A list of desirable rooms and boarding places may be obtained by addressing the Young Men's and Young Women's Christian Associations or by inquiring at the offices of these organizations on the University campus.

Employment. The College of Pharmacy does not undertake to find employment for students. The College Secretary will keep a register of those desiring employment and offer every assistance possible. The course of instruction has been

so arranged as to permit those desiring employment to find time to work a few hours each day. Prospective students should have enough money to pay tuition and living expenses the first year. Many students find employment and are able to earn enough money to pay a large part of their expenses. The earning capacity of a student depends on many factors such as experience, personal capacity, efficiency, energy and the time he can devote to the work.

Discipline and Good Order. All students are expected to observe the principles of good conduct and order while attending the College, and plain infraction of the rules will be referred to the Executive Committee of the Faculty, with recommendation of reprimand, suspension, or expulsion.

Athletics. The Faculty encourage athletic sports for their value in developing the body, in furnishing a means of pleasant recreation and a source of social and ethical culture, and in cultivating the spirit of co-operative enterprise. One of the finest athletic fields in Southern California is on the campus, as well as a gymnasium completely equipped; while the mammoth athletic field at Exposition Park is but a short distance away, and is open to the use of University students. Students in good standing in the College of Pharmacy are eligible to places on the football, baseball, and track teams of the University.

SCHOLARSHIPS

Brunswick Scholarship—Given by the Brunswick Drug Co., consists of free tuition (\$150.00) for the second year in Pharmacy, and will be awarded by the Faculty to the most deserving Junior student.

Braun Scholarship—Given by F. W. Braun, consists of free tuition (\$150.00) for the third year in Pharmacy and will be awarded by the Faculty to the Senior student who does the best work in Chemistry during his two years in the College of Pharmacy.

Western Wholesale Scholarship—Given by the Western Wholesale Drug Co., consists of free tuition (\$150.00) for the third year in Pharmacy and will be awarded by the Faculty to the most deserving Senior.

Nakamura Prize—Given by Shiro Nakamura, consists of a cash prize of \$25.00 and will be given to the Senior who has done the best laboratory work in all departments during his two years in Pharmacy.

Correspondence. Address all inquiries and other communications to

THE COLLEGE OF PHARMACY

Thirty-fifth Street and University Avenue, Los Angeles

THE COLLEGE OF MUSIC

FOREWORD

The position of the College of Music of the University of Southern California in higher education has been established by more than thirty years of intensive effort by its Faculty along modern and progressive lines.

From its long and successful career, its backing by and close affiliation with one of the largest Universities of the West, and the standing in the musical world of its graduates and former students, the diploma of the College of Music has come to be a publicly recognized credential greatly sought after by students who are fitting themselves for a professional career. Special students, as well, who are aiming in their study for an accomplishment and a means of culture, are attracted in large numbers to our College because experience has taught the public that thoroughness and satisfactory progress are a sure result in all of our many branches of work.

ADVANTAGES OF COLLEGE STUDY

The general spirit of earnest study characteristic of an institution of higher learning such as the University has been found to react very beneficially on the student of music, who, too often, is inclined to superficiality. Breadth of character and liberal ideas are more surely attained in the atmosphere of general education than in that of specialized study.

Among the advantages of pursuing the study of music in an institution of collegiate rank and methods there may be mentioned the regular attendance at lessons required, the musical atmosphere created by the recitals, lectures and class work, the college spirit and good fellowship created by association with a body of earnest, wide-awake students of kindred subjects, the opportunity given for obtaining in class work, at very slight expense, the very best of training in the theoretical studies such as harmony, theory and history of music—studies which are essential to the well-grounded musician and which the private teacher cannot touch upon in the lesson hour.

CONDITIONS OF ADMISSION

For conditions of admission to the University see page 42.

COLLEGE CREDITS

Credits towards the A. B. degree will be given in the College of Liberal Arts for music work, subject to the following conditions: (1) A freshman may receive credit for not more than three units per semester; (2) a sophomore for not more than five units per semester; (3) not more than 24 units may be counted towards the 124 units for the A. B. degree; (4) of the 24 units allowed, not more than 12 units may be in advanced Applied Music.

Music work is credited as follows: 3 units per semester for Harmony; 2 units per semester for each of the following: History, Analysis, Acoustics and Orchestration, Counterpoint, Normal Training; 1 unit per semester for Ear Training, Sight Singing and Ensemble. Two hours credit for advanced vocal or instrumental work will be given students who take two lessons a week and one hour credit for one lesson a week, provided that the work of such students is satisfactory to the department in quantity and quality. Students who wish college credits for music work done elsewhere must present credentials from other institutions. Those who cannot do this will be required to take at least one semester in the College of Music as a test of scholarship. If this is found satisfactory, advanced credits can then be given at the discretion of the department.

SPECIAL STUDENTS

Students not desiring a full course may enter at any time for one or more of either theoretical or applied subjects. Special students in beginning harmony will be required to take at least one semester of ear training unless, upon examination, they are able to show satisfactory knowledge of the subject.

DIPLOMAS

Graduation is given only for the completion of the course in at least two departments, one of which must be that of Theory. The diploma of the University is given at the completion of the Normal or Collegiate course, upon recommendation of the faculty; but the college does not guarantee a diploma, certificate or degree to any student, although the prescribed courses may have been satisfactorily completed. These honors are only given to those who have attained a standard which, in the judgment of the faculty, assures a worthy representation of the college.

THE COURSE OF STUDY

All students are required before graduation to have sufficient credits for entrance to the Freshman class in college and 88 credits in the College of Music, according to following outline:

	Semesters	Credits
Harmony	6	18
Ear Training	5	10
History and Appreciation.....	3	6
Form and Analysis.....	2	4
Acoustics and Orchestration.....	2	4
Counterpoint	2	4
Normal Training.....	1	2
Ensemble	2	2
Platform Department	1	1
Psychology	1	3
Total Theoretical Requirement.....		54
Major Study (Instrumental or Voice)—8 semesters.....		24
Senior Recital		4
Credits required of all graduates.....		82
Six additional credits required as follows—"Electives":		
For Piano Students, Piano Normal—3 semesters.....		6
For Vocal Students, Piano—2 semesters.....		4
Vocal Normal—1 semester.....		2
For Organ Students—		
Improvisation—1 semester.....		2
Advanced Counterpoint—1 semester.....		2
Canon and Fugue—1 semester.....		2
For Violin Students—		
Piano—2 semesters.....		4
Violin Normal—1 semester.....		2
Total required credits.....		88

TEACHER'S CERTIFICATES

Teacher's Certificates will be given to those who have completed the work of the Collegiate course, but who for any reason are unable to give the public recital required for graduation. They will, however, be required to give a similar program before the faculty.

DIPLOMA COURSE LEADING TO A STATE CERTIFICATE IN APPLIED MUSIC

Diploma Course	88 units
Education—2 courses (3 units each).....	6 units
Practice Teaching for Voice or Violin Students.....	2 units
Electives—Psychology, Modern Language, History, English, Sociology.....	*24 units
	<hr/> 120 units

*26 units required of piano students. Piano course includes practice teaching.

The above course requires one year in addition to the time needed for the diploma course. Capable students may be able to condense the five years' work into four by taking liberal arts subjects in combination with the music work at the rate of four units per semester throughout the four years.

BACHELOR OF MUSIC WITH MAJOR IN APPLIED MUSIC

The requirements for this degree are as follows:

	Credits
Full graduation with diploma.....	88
Collegiate course in a second branch of applied music without elective and public recital.....	24
One year's work in College of Liberal Arts.....	30
Total.....	<hr/> 142

The college work required is to be elected from the following subjects: Education, Psychology, Modern Languages, History, English Composition, English Literature, Sociology.

The Bachelor of Music degree is also offered with a major in Theory or in Public School Music. For details of these courses see special catalog.

DEPARTMENT OF PIANO

The main objects constantly sought after in this department are: Technical development, taste and expression, musical tone production, a correct ear, a reliable musical memory, ability to read at sight and a correct and intelligent style of playing.

To be most effective the work of training individual powers must be adapted to the needs of the individual. At the same time a certain proficiency in standard technics, a knowledge of the fundamental principles of phrasing and expression and an acquaintance with a well-defined field of pianoforte literature should be expected of all. For description of piano course see College of Music catalog.

NORMAL TRAINING

The Normal Training Department offers a course in general normal, one semester; in piano normal, three semesters with practice teaching under supervision and critical review of much teaching material; in vocal normal and in violin normal, one semester each.

DEPARTMENT OF VOICE CULTURE

The teachers in the vocal department recognize the need of fundamental work in breathing and tone placing as a preliminary to the study of songs, and the technique of singing. The course of instruction is based primarily upon the Italian school for voice training.

A Choral Society for the study of the great oratorios and other choral compositions, and numbering about one hundred voices, has been established to furnish an opportunity for students in the vocal course to gain the necessary experience in ensemble singing as well as to give them an opportunity to become acquainted with these.

One year's study of the piano and one semester of vocal normal are required of candidates for graduation from the vocal department.

ORCHESTRAL INSTRUMENTS

The study of the violin and other orchestra instruments is put on the same collegiate basis as that of all other departments of applied music, full courses being offered which lead to graduation in combination with the theoretical course. The instructors are in every case recognized as the foremost specialists both as performers and teachers in the city.

UNIVERSITY ORCHESTRA

The orchestra draws its membership from among the Liberal Arts as well as the College of Music students. Liberal Arts students gain entrance by examination. Advanced students of the string and wind departments of the College of Music are admitted to membership and two units of credit are allowed for the work toward graduation.

UNIVERSITY GLEE CLUB

The University Men's Glee Club, under the supervision and management of the College of Music, Professor Horatio Cogswell, Director, numbers about twenty members. The membership is drawn from all the Colleges of the University and choice is based strictly upon merit. Consequently, membership has come to be a distinction well worth while.

**DEPARTMENT OF THEORY
EAR-TRAINING**

The aim of the ear-training courses is the recognition, definition and reproduction of melodies and harmonies. A gradual development is made from the simplest rhythmic combination of tones in key to the dictation of difficult melodies, including modulations. All the melodic work has harmonic basis, and harmonic dictation parallels the melodic. A close correlation is made with the harmony courses. While much of the harmony work is first presented through the ear, the regular ear-training courses will give the necessary practice in hearing. Each course is a prerequisite for that following unless the student is given credit upon examination.

Ear-Training I. (3 periods.)

A general elementary course. Rhythmic combinations of tones in key relation leading to dictation of melodies of phrases and period length. Of necessity, the elementary principles of form are presented. Ear-drill upon intervals in scale relation, triads, their inversions, the dominant chord.

(Note: A 4-period class will be given for those who need the extra drill.)

Ear-Training II. (2 periods.)

Melodic dictation, including a few simple modulations. Simple, two, three and four-part dictation based upon the three primary harmonies. Chord dictation correlating directly with Harmony II.

Ear-Training III-IV-V. (2 periods.)

Following the plan of Ear-Training II, and correlating with Harmony III-IV-V.

HARMONY—(7 Semesters)**Harmony I. (3 periods.)**

Preparatory. Tone thinking. Intervals developed from overtone basis. Scale. Intervals in scale relation. Chord structure, including the dominant seventh. Keyboard application.

Harmony II. (3 periods.)

Chord relationship. Review of tonic and dominant seventh harmonies and their inversions. Cadences. Elementary form. Harmonization of simple melodies by section and phrase. Embellishing tones. The sub-dominant harmony.

Harmony III. (3 periods.)

Completion of the remaining diatonic harmonies and their inversions. Simple modulations to nearly related keys. Harmonization of melodies. Special emphasis placed upon rhythmic principles governing harmonization. Simple piano accompaniments.

Harmony IV. (3 periods.)

Chromatic harmonies. Modulation through common chord and common tone. Original melodies involving these problems. Keyboard sequences and modulations.

Harmony V. (3 periods.)

The augmented sixth and Neapolitan sixes. Advanced modulation. Harmonization of different melodies. Special attention to different styles of harmonization. The student is made familiar with the figured bass and a few basses are harmonized. Discussion and illustration of various phases of modern harmony.

Harmony VI. (3 periods.)

Keyboard harmony. A complete review of the text with reference to keyboard application. Chord sequences, harmonization of melodies. Modulation. Transposition. Application to memorization. Students who have creative ability will improvise in the smaller forms. Practical application to the needs of pianists and organists.

Harmony VII. (2 periods.)

Pedagogy of harmony. For those majoring in theory and for the public school students taking the high school course.

A review of the text from the teaching standpoint. Lectures on methods by the instructor alternating with teaching experience for the students. Each student will teach prepared lessons under supervision. Correction of papers. Discussion of the following problems: Harmony in the high schools; Harmony for the private piano teacher; Comparative review of standard Harmony texts.

FORM AND ANALYSIS

First Semester. (2 periods.)

A review of the simple structural elements such as section, phrase and period. Analysis presented first through the ear and then from the score. The binary and ternary forms. The material used is largely of the classic and romantic schools.

Second Semester. (2 periods.)

Detailed formal and harmonic analysis of the larger forms. The latter part of the semester is devoted to the analysis of modern compositions, including songs and operatic excerpts. General discussion of the different periods and styles of composition.

COUNTERPOINT

First Semester—The fundamental principles of good melody. Strict counterpoint in all orders, two and three voices.

Second Semester—Strict counterpoint in all orders, four voices. Free or Modern Counterpoint, first order; note to

note. Second order: Two or more notes to one, admitting unharmonized dissonances either as: Changing notes, Passing notes, Retardations or Suspensions.

Third Semester—Imitation, Double Counterpoint in the octave, tenth and twelfth. Triple and quadruple Counterpoint.

Canon and Fugue—One semester. Free imitation, canon in all intervals. Simple fugue in two, three and four voices from original subjects.

Free Composition—One semester. Writing in the different forms of modern music.

ACOUSTICS, ORCHESTRAL INSTRUMENTS AND ORCHESTRATION

First Semester—Acoustics: Transmisison of sound, the ear, pitch of musical sounds, resonance, co-vibration, or sympathy of tones, quality of musical sounds, vibration of strings, flue-pipes and reeds, combination tones, dissonance, relative harmoniousness of the consonant intervals, chords, temperament.

Second Semester—Orchestral Instruments: This course teaches one instrument of each type and a general knowledge of the others with specific directions for tone production and fingering for all wind instruments. Training will be given in operating the intricate orchestral machine, in producing varied effects with or without complete instrumentation, securing proper tonal balance, dynamics and tone coloring. The course includes directions for bowing, tongueing, breathing, attack and phrasing.

Third Semester—Orchestration: A practical course in arranging music for all combinations of instruments with special attention given to school orchestras. The course includes transposition, arranging from piano score, substituting for missing parts, and a general treatment of orchestral instruments as to range, relations of one to the other, tone qualities and possible substitutes for rare instruments.

HISTORY AND APPRECIATION—THREE SEMESTERS

First Semester—Primitive music, historically and as an art influence upon modern music. Music of the Greeks. Mediaeval music. Church music and the folk song. The development of counterpoint. The Renaissance and Reformation. Beginnings of opera.

Second Semester—The Classic period. The great contrapuntal writers. The origin and development of the classic forms. Italian and French opera. The Romantic period.

The revolutionary spirit. Development of the art song, the pianoforte and its music, the orchestra and new forms. Program music. Various schools of opera.

Third Semester—Modern music. Growth of nationalism in music. The various schools. Expansion of the old forms. The new orchestral and piano technique. The operatic revolution. Ultra-modern tendencies. Impressionism, new harmonic technic, modern polyphony. General discussion upon the growth of American music.

DEPARTMENT OF PUBLIC SCHOOL MUSIC

The growing demand for trained teachers and supervisors of music for our public schools and the evident need for such a department of University standing are fully met by the course as now offered. Graduates of this course are granted the Special Certificate of Secondary Grade by the State of California.

The entrance requirements are: (a) four-year High School course; (b) ability to play at sight accompaniments to Glee Club songs and choral works; (c) a thorough knowledge of the rudiments of music.

PUBLIC SCHOOL MUSIC COURSE FULFILLING REQUIREMENT FOR RECOMMENDATION FOR SPECIAL CERTIFICATE MUSIC TYPE, SECONDARY GRADE

	Semester	Hours Per Week	Credits
Voice	4	2	8
Methods and Materials.....	4	3	12
Sight Singing.....	4	3	8
Harmony	5	3	15
Ear Training	5	2	10
History and Appreciation.....	3	2	6
Form and Analysis.....	1	2	2
Orchestral Instruments and Orchestra- tion	2	2	4
Conducting	1	2	2
Practice Teaching	1	5	4
Fundamentals in Education or Public Education in the United States....	1	3	3
Secondary Education	1	3	3

77

The above course represents about $2\frac{1}{2}$ years of work. The remaining $1\frac{1}{2}$ years required for the state certificate may be taken in whole or in part in either the College of Liberal Arts or in Music.

BACHELOR OF ARTS DEGREE WITH STATE CERTIFICATE

The requirements for the combination of the Degree of Bachelor of Arts, the Elementary School Certificate and the Secondary Special School Certificate in Music may be summarized as follows:

(a) Ninety-four (94) units of undergraduate work in the College of Liberal Arts, exclusive of any units in music. This work must include the requirements for the A. B. degree, with the following modifications: (a) A major requirement of twenty-four (24) units; (b) an upper division requirement of twenty-four (24) units.

(b) Sixty (60) units elected under the direction of the department from the courses in Public School Music in the College of Music. The units in Education listed in this course may be taken in the ninety-four (94) required in the College of Liberal Arts.

FEES

Tuition. All class subjects, \$25.00 per semester. Private periods range in price from \$20.00 to \$240.00 per semester, two lessons per week.

Special. A fee of two dollars and fifty cents per semester is charged each student to cover student benefits and activities, the apportionment of which is determined by the faculty.

Diploma, Certificate or Degree. A fee of ten dollars is charged each candidate.

For detailed information, with outline of courses, etc., send for Music catalogue. Address

COLLEGE OF MUSIC

Phones: South 3423, 21650.

3201 South Figueroa Street

THE SCHOOL OF SPEECH

The School of Speech is one of the ten colleges and schools that comprise the University of Southern California. It is the only School of Speech in the West that has the combined advantages of University and Professional work. Its direct relationship with the University life affords the student the advantages of that broad education and culture that can be gained only in such an environment.

The Purpose of the School

It is the purpose of this school to train the business man or woman and the platform lecturer who wishes to increase his expressional power, as well as to prepare those who wish to teach any phase of Oral English work in high school or college.

It is also the aim of the School, through the study of great literature, to develop character and high ideals, to cultivate a keen appreciation and a discriminating taste and to stimulate a creative use of the emotions and imagination.

Equipment

The School of Speech occupies the third floor of the Old College. The studios and practice rooms are large, airy and commodious.

In addition to the University Library there is a large working library in connection with the School of Speech, including the best collections of modern drama, short stories, novels, and works on vocal and dramatic technique, as well as about eight hundred typewritten manuscript readings.

The Old College Chapel annex has been converted into a small stage and is being rapidly equipped with necessary lighting and scenery to give the students practical experience in play production.

The close proximity of the University to Exposition Park, in which more than a million dollars have been recently expended in beautifying the grounds and erecting and equipping buildings of History, Science and Art, affords special advantages to the students.

Private Instruction

The combination of class and private instruction is one of the unique features of the School of Speech. Each pupil receives one private lesson a week during his entire course. Through this individual contact with professors, the student is given every opportunity to overcome personal difficulties as well as to receive inspiration and encouragement in working out a well rounded repertoire.

Recitals

In addition to the student recitals which are given each week throughout the school year there are special joint programs each semester with the College of Music, also a quarterly matinee of one-act plays, and at least one full evening play a year. Thus it is possible for the individual to overcome diffidence and self-consciousness through frequent appearances before an audience, and to prove an understanding of the principles presented in the class room.

Scholarships

A scholarship is awarded yearly to that Diploma Senior who, in addition to the need for assistance, has succeeded in establishing a high standard of work. At least two years must have been taken at the School of Speech of the University of Southern California.

Student Organizations

There are four literary societies connected with the University which conduct weekly programs. Thus added opportunity is given students to appear in public.

Lance and Lute is an honorary dramatic club which presents one play each year. Students who do work of merit in some college play are elected to membership.

Zeta Phi Eta, a national dramatic fraternity, has a chapter in the School of Speech. Only students of high scholarship are eligible to membership.

Artists

It is the purpose of the administration to present to the students each year, readers and other artists of merit.

ADMISSION REQUIREMENTS**To Freshman Standing**

A candidate for admission to the School of Speech must have satisfied the general requirements of the University for admission. These include the completion of a four-year high school course covering fifteen acceptable units of preparatory work, at least twelve of which must be recommended grade. He must also present a certificate of recommendation signed by the high school principal, stating that the applicant, in the opinion of the principal, is fitted to undertake college work by reason of character, ability, purpose in life, and scholarship.

A student admitted to freshman standing in the University may not be qualified to undertake immediately the work of the degree course in the School of Speech because of deficiencies in preparatory subjects prescribed for this particular course. A student may remove such deficiencies by completing the corresponding courses offered in the University, by examinations, or by other means approved by the faculty.

Special Students

Special students not taking the degree course may enter the School of Speech at any time.

Advanced Standing

Students from other institutions of recognized collegiate rank, including Junior Colleges and State Normal Schools with well established courses, may be admitted to such standing and upon such terms as the Faculty may deem equitable.

Required Preparatory Subjects for Bachelor of Letters

English	2 units
A Foreign Language.....	2 units
A Laboratory Science.....	1 unit
Algebra	1 unit
Geometry	1 unit
United States History and Civics.....	1 unit
Electives (of which not more than three may be in vocational subjects)	7 units

All credentials should be sent to the Registrar of the University at least two weeks before the opening of the fall term.

GRADUATION REQUIREMENTS**Diploma; Two Year Course**

To fulfill the requirements of this course a student must have completed sixty semester hours of class work and two years of individual instruction, one forty-five minute lesson per week.

Required courses: 1-2-3-4-11-12-100-101-102-103-107.

The eighteen remaining units include six in English 1, six elected in Liberal Arts, and six in the School of Speech.

No student may complete this course in less than one year resident study.

B. L. Degree; Four Year Course

A candidate for graduation must have completed the following work:

English 1, six units.

Science, eight or ten units.

Foreign Language, sixteen units. If the language offered for entrance is continued, the requirement is reduced to six units.

Psychology, three units.

Physical Education, two years.

Twelve units from two of the following groups: 1. Mathematics; 2. Sociology, Economics; 3. History, Political Science; 4. Philosophy, English Bible.

A minor subject, approved by the major department.

Of the one hundred and twenty-four required semester hours, sixty must be taken in the School of Speech and related subjects (Education and English), and sixty-four in the College of Liberal Arts.

A student may elect his major work in Public Speaking or in Dramatics and Interpretation in the School of Speech. (See tabulated course, page suggested for B.L. degree for the required and elective courses.)

This course also fulfills the requirements for the Special High School Teachers' Recommendation.

No student may complete this course in less than two years of resident study in the School of Speech.

COURSES OF INSTRUCTION

1ab. Fundamental Technique of Reading. Consideration of the natural vocal principles governing the intelligent interpretation of the printed page: Phrasing, sequence, subordination, co-ordination, central idea, transition, climax, forms of emphasis. Intensive analysis of selections for definite impression; brief introduction to versification. Sufficient drill and attention is given to the individual student.

Two units throughout the year.

Voorhees, Fink.

2ab. Voice and Diction. This course is devoted to the freeing of the vocal instrument. Consideration of the problems of breath control, relaxation, resonance, inflectional agility, distinct articulation and correct pronunciation.

One unit throughout the year.

Wadsworth.

3ab. Platform Deportment and Pantomime. The work of the first semester is designed not only to free the body but to learn to express that freedom through the medium of gesture. Exercises are given in relaxation, poise and walking. A study is made of the classic statues; significance of the lines of gesture; and details of the expression of the face, head, arms, hands, torso and legs.

The second semester work is arranged to develop a responsive action of the body as the natural result of thought. Emphasis is placed upon life studies, scenes from literature and original pantomime. This course is accepted in lieu of sophomore Physical Education only of candidates for the B.L. degree.

One unit throughout the year.

Wadsworth.

4. Story Telling. The story as an educational factor; analysis and classification of typical stories, with reference to each period of the child's development. Study of source; adaptation of material; actual practice in story telling. The work is designed to meet the needs of student, teacher, librarian and mother.

One unit throughout the year. Prerequisite, Speech 1ab.

Voorhees.

5ab. Elementary Public Speaking. The first semester's work consists of a careful, preliminary survey of the student's possibilities in voice and physical control. This survey will be followed by constant drills and practice in the delivery of speech material designed to lead toward construction and presentation of original discourse. The second semester's work consists of an elementary text combined with construction and delivery of original speeches. The course is designed to give the student ability in the accurate and swift formation of ideas and fluency in delivery.

Two units throughout the year.

Blanks, Fink, Hubbard, Nichols.

10ab. Educational Dramatics. Interpretation of the drama from the acting point of view, including life study, dramatic law and stage technique.

Two units throughout the year.

Voorhees.

11. Individual Instruction. Private lessons are arranged to meet the needs of the individual, in order that a high standard of art may be attained together with a well rounded repertoire. Each student is required to arrange short stories, poems, novels and dramas for public presentation. Required of students working toward B. L. degree.

12ab. Advanced Public Speaking. A practical course in the construction and delivery of speech material. This course is designed to meet the needs of those who have specific problems and conditions to prepare for, and will set forth concretely the simplest and most fundamental methods that lead to a satisfactory presentation of thought.

Two units throughout the year. Prerequisites, Speech 1ab or 5ab or their equivalent.

Blanks, Fink.

100. Advanced Voice. The continuation of the technique of voice building with an application to interpretation.

Two units throughout the year. Prerequisite, Speech 2ab and 5ab.

Yoder.

101a. Art of Interpretation. "Literature is one of the fine arts—it is the language used for those ends of emotion, imagination and beauty which are sought by the painter, by the sculptor and by the musician. More important still, literature is an expression of human life."

Vocal interpretation, from the point of view of the artist, involves an understanding of this intimate relation between literature and life as well as the training of the vocal instrument to respond to the demands of the thought, form and emotion of every type of literature.

a. Consideration of the various forms of poetry; selections from Coleridge, Wordsworth, Keats, Shelley, Tennyson and Rosetti.

Yoder.

b. Representative poems of Robert Browning.

Yoder.

c. Contemporary literature of the British Isles. (Story, poetry, drama.)

Yoder.

d. Contemporary American literature. (Story, poetry, drama.)

Yoder.

Two units through period of two years. Prerequisite, Speech 1ab, 2ab.

102ab. Shakespeare. Lectures on dramatic technique; dramatic criticism. Analysis and study of character, plot and incident. Although primary emphasis is placed on vocal interpretation, sufficient attention is given to the construction and history of each play studied to insure clear literary background.

Two units throughout the year. Prerequisite, Speech 101ab.

Wadsworth.

199ab. The Teaching of Oral English. The discussion of the methods and problems of teaching extemporaneous speaking and interpretation. Preparation and presentation of model lessons, departmental organization, arrangement of curriculum. (Open only to students who are diploma graduates and are doing practice teaching in the University High School or School of Speech.)

One unit throughout the year. Prerequisite, Speech 102ab, 103ab. Fink.

103ab. Forms of Public Address. A continuation of Course 12 with added emphasis on the technical training in the composition and delivery of original speeches. Drill in all forms of forensic address. Constant study of current movements with speeches related thereto. Lectures upon the technique of oratory with close study of great orations. All interested in oratorical contests are advised to take this course.

Two units throughout the year. Prerequisite, Speech 12 or the equivalent. Blanks.

104ab. Advanced Dramatics. Advanced study in the technique of acting from the point of both actor and director. Also practical work in play direction, scenic investiture, lighting, make-up, costume, etc.

Two units throughout the year. Prerequisite, Speech 2ab and 10ab. Hubbard.

105ab. Argumentation and Debate. The course is designed to give the student greater power in reasoning and to make him alert in the oral formation of his constructive and destructive judgment on the leading questions of the day. A careful theoretical study of the nature of argumentation, analysis, evidence and refutation, and the practical presentation of them in the rhetorical and vocal forms of persuasion.

Two units throughout the year. Nichols.

106ab. Advanced Debate. This course elaborates the principles of argumentation and debate, applies them to questions of the day, and gives constant practice drill in the art of debate. Students are required to report on the preparation of material and construction of argument and to make frequent speeches in main discussion and rebuttal, singly, and by teams, on each side of the question. This class is a contest elective in the University, and from it are finally chosen the teams that represent the University in the intercollegiate debates.

Two units throughout the year. Nichols.

107ab. Abridgment. This course deals with an adaptation of literature for public presentation. The short story, novel, drama and poem are considered during the term. The reading of original cuttings from the stand.

One unit throughout the year. Prerequisite, Speech 102ab, 103ab. Hubbard.

200. Interpretation. Lectures on the technique of the speaking voice and the interpretation of literature; oral practice on selections from masterpieces. (Open only to candidates for teacher's certificate, College of Liberal Arts.)

Two units, second semester.

Hubbard.

202ab. Public Speaking and Debate Seminar. A study of the problems, methods, materials and bibliography of public speaking and debate combined with actual demonstration and practice. The course is designed to furnish a comprehensive background for advanced students in speech arts and for those who intend to teach these subjects.

Two units throughout the year.

Blanks.

203ab. Seminar in Interpretation. An advanced course primarily for graduates. The various text books on the speaking voice and interpretation will be critically compared. Original research culminating in a thesis is required.

Two units throughout the year. Prerequisite, Speech 102ab and 103ab.

Yoder.

DIPLOMA COURSE

First Year

	Units Per Semester	
	1st	2nd
1. English (Liberal Arts).....	3	3
1. Fundamentals	2	2
2. Voice and Diction.....	1	1
3a. Platform Deportment.....	1	1
3b. Pantomime .....	..	1
4. Story Telling	1	1
10. Dramatics	2	2
11. Private	1	1
101. Interpretation	2	2
Electives	2	2

Second Year

12. Public Speaking	2	2
100. Advanced Voice.....	2	2
101. Interpretation	2	2
102. Shakespeare	2	2
104. Play Production	2	2
107. Abridgment	1	1
11. Private	1	1
Electives	4	4

SUGGESTED COURSE FOR B. L. DEGREE**Freshman Year**

		Units Per Semester	
		1st	2nd
Arts			
English 1	3	3	
Language	3	3	
Group	3	3	
Physical Education.....	2	2	
Speech			
Fundamentals	2	2	
Voice	1	1	
Electives	2	2	
Private	$\frac{1}{2}$	$\frac{1}{2}$	
		<hr/>	<hr/>
		16 $\frac{1}{2}$	16 $\frac{1}{2}$

Sophomore Year

Arts			
Science	4	4	
Psychology	3	..	
English	3	3	
Electives .....	..	3	
Physical Education	1	1	
Speech			
Public Speaking.....	2	2	
Educational Dramatics.....	2	2	
Private	$\frac{1}{2}$	$\frac{1}{2}$	
		<hr/>	<hr/>
		15 $\frac{1}{2}$	15 $\frac{1}{2}$

Junior Year

Arts			
Education	3	3	
English	2	2	
Group	3	3	
Electives	3	3	
Speech			
Shakespeare	2	2	
Debate	2	2	
Private	$\frac{1}{2}$	$\frac{1}{2}$	
		<hr/>	<hr/>
		15 $\frac{1}{2}$	15 $\frac{1}{2}$

Senior Year

Arts			
Education (Normal Training).....	3	3	
Electives	6	6	
Speech			
Interpretation	2	2	
Electives	3	3	
Private	$\frac{1}{2}$	$\frac{1}{2}$	
		<hr/>	<hr/>
		14 $\frac{1}{2}$	14 $\frac{1}{2}$

FEES AND EXPENSES

All fees are payable in advance at the Office of the Treasurer and Comptroller of the University.

Per semester for courses leading to the diploma or B. L. degree.....\$105.00

\$5.00 of the above is Registration Fee and is not refundable. Special rates will be made for students registering for less than ten units. Each student registering for more than normal full course will be charged at the rate of \$10.00 for each unit in excess of the work covered by the \$105.00 charge—eighteen units for Freshmen and Sophomores—sixteen units for Juniors and Seniors.

Per semester for one private lesson per week (45 minutes) 50.00

Course of ten lessons (45 minutes)..... 32.00

Single lessons (45 minutes)..... 3.50

Course of twelve lessons with the Dean (45 minutes).. 50.00

Single lesson with the Dean (45 minutes)..... 5.00

Manuscript fee 2.00

Graduation fee 10.00

(Payable May 1 by all persons taking a degree or diploma from the School of Speech.)

Late registration fee..... 2.00

This fee is charged if registration card is not stamped at the Office of the Treasurer and Comptroller before the first day of instruction.

Late enrollment fee..... 1.00

For non-completion of enrollment within five days.

Re-registration fee 1.00

For changing study program after card is stamped.

Payment of the tuition fee for full work in the School of Speech entitles the student to take up all work which he may be qualified to carry in any Department of the College of Liberal Arts without payment of additional tuition fee, except as otherwise stated herein.

The University reserves the right to change without notice any of the rates printed in this bulletin.

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

HISTORICAL STATEMENT

On January 27, 1920, the University Trustees authorized the establishment of the College of Commerce and Business Administration. Accordingly the new College technically began its career with the beginning of the second semester of 1919-20, utilizing a group of courses in Economics for the purpose. The more formal opening of the Commerce work of the University as a distinct College dates from September, 1920.

PURPOSE

The College of Commerce and Business Administration, which is an integral part of the University, was established in response to the growing demand for an institution of full collegiate rank, able to offer thorough and adequate preparation to students for the new era in business. Its purpose is to afford a broad outlook upon life with its demands for social service, a thorough knowledge of the principles underlying modern business activities, and a comprehensive grasp of actual business practice. The College is an institution devoted to the enlarging field of "professional educational training" in commerce and business, recognizing that the education of the future business executive or "commercial engineer" must be at once liberal and technical.

COURSE OF STUDY

The regular course extends through four academic years and leads to the degree of "Bachelor of Science in Business Administration." It is intended to hold the same relation to modern business, as a profession, that the College of Law (for example) holds to the legal profession. The work of the first two years is largely prescribed; at the beginning of the third year the student elects his group major (such as Foreign Trade, Banking and Finance, or Transportation) and undertakes a rather high degree of specialization.

For conditions of admission to the University see page 42. On the satisfactory completion of 60 units of evening work, as outlined below, students will be awarded the "Certificate in Commerce." This course will normally require a period of not less than four years of work in the Evening Division.

ACTUAL BUSINESS CONTACT

No course of study, however thorough, can take the place of actual business experience. Therefore, the students do a substantial amount of field work, including inspection trips and investigatorial tasks, and devote a certain amount of their time during the fourth year to actual employment service in "Co-operating Houses" in Los Angeles, under the supervision of a faculty member.

Through the Supervisor of Employment the College assists students in finding satisfactory positions for which they have specially qualified. Supervised business experience is regarded in the light of laboratory work and is given credit accordingly.

Various business men's associations are rendering most valuable aid in connection with the development of the work of the College of Commerce and Business Administration. Through the regular officers and by means of special committees appointed for that purpose, the problems connected with higher commercial education have been ably discussed and many valuable suggestions have been made by the Los Angeles Credit Men's Association (Wholesale), the Retail Merchants' Credit Association, World Traders, Los Angeles Fire Insurance Exchange, Employment Managers' Association, Better Letters Association, Los Angeles Realty Board, Los Angeles Chamber of Commerce, Commercial Teachers' Association of Southern California, Los Angeles Purchasing Agents' Association and the Los Angeles Transportation Club.

THE COLLEGE FACULTY

In addition to the work of regular professors and instructors, who are specialists in their respective fields, the services of a selected list of business men have been secured for special lectures and entire courses. The blending of the atmosphere of actual business with the academic environment insures at once vitality of instruction and breadth of vision. The establishment of valuable business contacts while in college and the consequent elimination of that dreaded period of wasteful inefficiency following graduation is a result of great value.

Candidates for admission as special students must be persons of mature age—not necessarily high school graduates—who desire to take up special work. These students will be admitted to such courses only as their previous training or experience has prepared them to pursue with profit and may register for full work or for part time.

DAY AND EVENING DIVISIONS

In addition to the above courses, 36 units of elective work should be chosen with the approval of the faculty advisor from the following subjects:

A full curriculum of courses is offered in the regular day-time schedule, constituting the Day Division. There is provided also the Evening Division, more particularly to meet the needs of students and business men who are in regular employment during the working hours of the day. During the year 1922-23 the classes of the Evening Division will be conducted at 631 South Spring Street (sixth floor), Los Angeles.

CERTIFICATE IN COMMERCE

On the satisfactory completion of 60 units of evening work, as outlined below, students will be awarded the "Certificate in Commerce." This course will normally require a period of not less than four years of work in the Evening Division.

	Units		Units
Business English	2	Economics Principles	4
Business Correspondence..	2	Accounting	4-6
Business Speech.....	2	Business Law.....	4
Finance	4	Business Management.....	2
	Units		Units
Money and Banking.....	2	Corporation Finance	2
Statistics	2-6	Geography of Commerce..	2
Business Psychology.....	2	Purchasing and Stores....	2
Salesmanship	2	Investments	2
Advertising	2-4	Insurance	1-2
Credits and Collections...	2-4	Employment and Manage-	
Spanish	8-16	bent	2
Industrial Management....	2	Marketing and Distribu-	
Cost Accounting.....	2	tion	2
Public Utilities	2	Foreign Trade	2-4
Transportation	2	Retail Mangement Prob-	
Real Estate.....	2	lems	2
Office Mangement	2	Public Finance.....	2

FEES AND EXPENSES

All tuition fees are payable to the Treasurer of the University, by the semester, in advance.

For the regular course in the College of Commerce and Business Administration the tuition is \$105.00 per semester, \$5.00 of which is regarded as **registration fee** and is not refundable.

Students registered for fewer than ten hours of class work a week are charged at the rate of \$10.00 a credit-hour, but in no case less than \$20.00 a semester.

The diploma fee is \$10.00, payable 30 days before graduation.

Tuition in the Evening Division is \$6.00 per credit-hour.

Board and furnished rooms can be secured in private families at reasonable rates. The Y. M. C. A. and Y. W. C. A. conduct an employment bureau for the purpose of aiding worthy students who are desirous of earning part of their expenses while in college.

SCHEDULE OF COURSES

Required Work

The following schedule of courses has been arranged for the first two years in the College of Commerce and Business Administration:

FIRST YEAR

First Semester	Units	Second Semester	Units
English I.....	3	English	3
Foreign Language.....	3-5	Foreign Language.....	3-5
Economics I.....	3	Economics I.....	3
Laboratory Science or Mathematics	4-5	Laboratory Science.....	4-5
Physical Education 9a or 9b and 1a or 1b.....	2	Physical Education 9a or 9b and 1a or 1b.....	2
Industrial History	2	Economic Geography	2
Total.....	17 or 18 units	Total.....	17 or 18 units

SECOND YEAR

First Semester	Units	Second Semester	Units
Foreign Language	3	Foreign Language	3
Money and Banking.....	3	Public Finance.....	3
Business Correspondence or Business Speech	2	Business Correspondence or Business Speech	2
Psychology	3	Physical Education	1
Accounting I	3	Advanced Accounting	3
Physical Education	1	Business Law II.....	3
Business Law I.....	3	Electives	2-4
Total.....	17 or 18 units	Total.....	17 or 18 units

For students who have completed the first two years as outlined above, various courses are offered in the following groups: General Business, Foreign Trade, Accounting, Sales Management and Advertising, Banking and Finance, Factory Management, Railway Traffic and Transportation, Insurance, Real Estate, Secretarial Work, Domestic Public Service, Foreign Public Service, and Commercial Education. More detailed information concerning courses offered in these groups is contained in the bulletin of the College of Commerce and Business Administration.

DESCRIPTION OF COURSES OFFERED IN 1922-23

It is impracticable to give descriptions of all courses offered in the University available for students in the College of Commerce and Business Administration. In the various colleges and departments will be found a large number of courses from which suitable electives may be chosen. The student of the College will have access to the resources of the entire University.

DAY DIVISION

1ab. Economics I. A comprehensive introduction to economic studies, based upon a recent text, lectures, assigned readings, and student exercises. This course is in general a prerequisite to all other courses in Economics.

Three units; throughout the year.

Hunt and Staff

2. Money, Credit and Banking. The origin and evolution of money, with special attention to the problems of metallic and paper money, and to leading systems and newer problems of banking.

Three units; first semester.

Marston

3. Public Finance. A study of budgetary science, the principles and practice of taxation, public expenditures, and financial administration. Attention is given to problems of war finance.

Three units; second semester.

Marston

4. Fiscal and Industrial History of America. A comprehensive survey of American economic development and of national legislation in the fields of currency, finance, and the tariff.

Two units; first semester.

Phillips, Power and Fagan

5. Economic Geography. History and present status of industry and commerce in the world; the world market, and national policies in the development of resources, especially in the United States.

Two units; second semester.

Phillips, Carus and Power

9. The Mathematical Theory of Investment. The application of mathematics to financial transactions; compound interest and discount, construction and use of interest tables, annuities certain, sinking funds, depreciation, valuation and amortization of securities.

Five units; first semester.

Steed

10ab. Business Law. (I) A survey of the commercial importance of the principles included in the law relating to Contracts, Agency, Partnership, Debtor and Creditor, Negotiable Paper, and Bankruptcy.

Three units; first semester.

(II.) Sales, Corporations, and Property.

Three units; second semester.

Marston

11. Business Correspondence. The writing of business letters, sales letters, follow-up letters, collection letters, adjustment letters. Particular attention to sentence structure, paragraphing, organization of material and effectiveness of expression.

Two units; either semester.

Wann

14ab. Accounting: Theory and Principles. Relation of the science and art of accounting to the economies of modern business. Interpretation of the balance sheet, with special applications.

Three units; throughout the year. Baskerville and Assistants

15ab. Advertising. Theory and practice of commercial publicity. Writing of advertising copy; psychological principles of advertising; typography. Preparation of an advertising campaign.

Two units; throughout the year.

Godnow

17. Commercial Spanish. The acquirement of a business vocabulary, a knowledge of business forms and letters. Lectures in Spanish on business etiquette and trade relations with Spanish-speaking people. Prerequisite: Spanish 2 and Spanish 3.

Three units; second semester.

Thompson

21. Commercial French. Commercial forms, letters. Reading of trade journals. Prerequisite: French lab or equivalent.

Two units; second semester.

Lowther

27. Commercial German. Business correspondence; banking terms; forms of bills, checks, drafts, etc. Reading, translation and composition. Prerequisite: German 2ab.

Three units; first semester.

Borthwick

49. Business Speech. Practical study of the problems involved in business speech as it applies to salesmen, sales managers and other business executives.

Two units; either semester.

Stonier

100. Principles of Economics. A study of general principles underlying economic activity, for upper division students, who have not had Economics I.

Three units; first semester.

Carus

101. City Planning. Aims and purposes of city planning. Concrete application to local conditions, including regional planning for Los Angeles County.

Two units; second semester.

Whitnall

102. Labor Problems. The important labor problems of the day, with special reference to American conditions following the great war.

Two units; second semester.

Marston

104. Corporation Finance. Promotion, underwriting; earnings, expenses; surplus; insolvency; receivership, reorganization; and state regulation, short time loans, corporate bonds.

Three units; first semester.

E. Olson

105. Railroad Transportation. Theory and history. Development of the railroad, its organization, management, and consolidation; relations to the public; railway securities, rate-making; legislation, and Interstate Commerce Commission.

Two units; first semester.

Marston

106. Ocean Transportation. The system, service, relation to the public, government aid and regulation.

Two units; second semester.

Carus

107. Business Organization. Advantages and disadvantages of various methods of organization, internal management, differentiation of the duties of various departments, with special attention to the corporation.

Three units; first semester.

Marston and Power

110. Life Insurance. A comprehensive lecture course on the theory and practice of Life Insurance; special attention to the concrete problems.

One unit; first semester.

Wayne

111. Fire and Property Insurance. The theory and practice of fire and property insurance with particular attention to concrete policies, policy conditions, inspecting, rating, adjustment of losses, brokerage.

One unit; first semester.

Perry

112. Conservation of National Resources. Special problems relating to the great war and reconstruction after the war. Human conservation and the foundations of national prosperity. Open to sophomores. (Not given 1922-23.)

Two units; second semester.

Hunt

114. Agricultural Economics. History and problems of rural economics; industrial problems of land values; values of products, marketing, rural credits.

Two units; first semester.

Fagan

115. Marketing and Distribution. A comprehensive survey of the field of market distribution of commodities. The position and functions of the various classes of middlemen, including types of retailers, wholesalers, brokers, commission men and manufacturers' agents.

Three units; second semester.

Stonier

117. Salesmanship. The aim of this course is to study the underlying principles of psychology of salesmanship, and part of the course is given over to a discussion and lecture on the practical application of the principles and theory of salesmanship.

Two units; first semester.

Stonier

118. Credits and Collections. Essential factors in determining credit risks; sources of information, organization and operation of credit departments, collections and adjustments, bankruptcy, credit insurance co-operation, etc.

Two units; either semester.

Stonier and Lecturers from Los Angeles Credit Men's Association (Wholesale) and Retail Merchants' Credit Association

120. Foreign Trade. I. Foreign trade as a factor in national development; volume, character and direction of international trade; land and sea rates; commercial rivalries and the future of the United States as a commercial nation. Three units; first semester.

Carus

II. Advanced Foreign Trade. The class has direct contact with shipping and trade concerns and their operations, each student spending four hours or more weekly under the direction of managers.

Three units; second semester.

Carus

121. Office Management. A study of the principles governing the organization and administration of clerical forces; office arrangement; follow-up work between departments, departmental organization, selection and instruction of workers, designing forms, graphic charts, filing and indexing, etc.

Two units; second semester.

Power

122. Commercial Banking. Practical banking problems; the Federal Reserve System; foreign banking.

One unit; second semester.

McKee and Lecturers

124. Development of Latin America. Geographic information, agricultural and mineral products, foreign trade, systems of communication, social make-up of the country, manufacturing progress, and the salient facts of location and characteristics of important cities.

Three units; first semester.

Carus

125. Marine Law. A concise discussion of the principles of admiralty law from the point of view of the student, the owner and the master of a vessel without attempting such mastery of the subject as is possessed by the admiralty lawyer. The personnel, the ship and the cargo, together with the rights, liabilities, contracts and liens of each.

Two units; second semester.

Marston

127. Advanced Accounting. Co-ordination of the students' knowledge of accounting theory, and application of principles in the solution of complex practical problems. Special points in connection with the audit of municipalities, institutions, banks, investment and insurance companies, etc.

Three units; first semester.

Baskerville and Assistants

128. Cost Accounting. Principles and general methods of cost finding; methods of accounting for materials, labor, and overhead expenses; relation of cost accounts to the financial records; cost statements, graphical representation of costs.

Two units; second semester.

Baskerville and Assistants

130. Statistics, Statistical Theory and Method. The principles of statistical methods by lecture and laboratory method and how they apply in the economic and business world; planning an investigation; approximation and accuracy, frequency tables; types and averages.

Three units; first semester.

Eberle

131. Advanced Statistics. The application of statistical methods to business and economic problems; primary and secondary investigations; dispersion and skewness; historical data and methods of comparison.

Three units; second semester.

Eberle

133. Public Utilities. Economic and legal aspects of public service enterprise. Emphasis upon municipal utilities.

Three units; first semester.

Eberle

134. Advanced Public Utilities. Contemporary problems of regulation. Emphasis upon valuation and sphere of public authority.

Three units; second semester.

Eberle

140. Investments. Channels and various forms of investments; classes of stocks and bonds and an analysis of current security flotation; the stock exchange, amortization, computing net earnings; the current financial situation and trend.

Three units; second semester. Stonier and Lecturers

145. Employment Management. Scientific adjustment of the relations of employer and employee; the employment department; labor turnover and absenteeism, rate selling, social insurance, workman's compensation, safety and welfare work.

Two units; first semester. Stonier and Lecturers

150. Industrial Management. The best manufacturing practices of executives. The efficiency movement, its justification, cost problems, and basic principles. Selecting and training help, factory lay-out, the flow of work and economy routine, and the training of future executives.

Two units; second semester. Rogers

163. Economic History of Western Europe. Outstanding events in the economic development of the principal countries of Western Europe. Special emphasis upon the economic progress of England during and following the Industrial Revolution.

Two units; second semester. Fagan

167. Men and Methods. A series of lectures dealing primarily with business men, business principles, and efficiency; lectures by successful business men; assignments to interview prominent executives in the city.

One unit; second semester. Power

299. Commercial Teachers' Problems. A teacher-training course for those who contemplate teaching commercial subjects in the schools.

Two units; second semester. Weber

EVENING DIVISION

In the Evening Division are offered selected courses of the College of Commerce and Business Administration, which will best serve the needs of men and women engaged in regular occupations during the day. These courses are in general identical with corresponding courses offered in the Day

Division, and for them college credit is offered to students who are properly qualified. These classes meet on the sixth floor of the Realty Board Building, 631 South Spring Street.

Economic Problems.
Business Economics.
Commercial Spanish.
Elementary Spanish.
Business Law.
Business Correspondence.
Advanced Business English.
Advertising.
Business Psychology.
Life Insurance.
Fire and Property Insurance.
Casualty Insurance.
Real Estate.

Accounting: Theory and Principles.
Advanced Accounting.
Business Speech.
Corporation Finance.
Salesmanship.
Office Management.
Purchasing and Stores.
Retail Management Problems.
Statistics, Statistical Theory and Method.
Public Utilities.
Traffic Management.

Other evening courses are being added from time to time as the demand arises for business education of University grade.

For more detailed information, write for the Bulletin of the College of Commerce and Business Administration.

CATALOGUE OF STUDENTS

SUMMER SESSION, 1921

- Abbott, Arthur Marion
Abbott, Fred W.
Abendroth, O. Elizabeth
Adams, Fisher G. (B.A.)
Adamson, D. W.
Ahlhorn, Charlotte H.
Aiken, Anna Mae
Ainley, Charles Howard (A.B.)
Alcorn, Edna May
Aldrich, Orville Raymond
Alexander, Evalyn V.
Allen, Bessie Chapman
Altevogt, Anna Louise
Alvarez, Florence
Alworth, Arthur
Anderson, Alfa Wood
Anderson, Annval
Anderson, Chloe Case
Anderson, Emma Christine
Anderson, Robert
Anderson, Ruth Adams
Andrew, Owen Adelbert (A.B.)
Andrews, Violet
Archer, Dorothy
Arthur, Agnes (B.A.)
Austin, Juanita (Mrs.)
Axelson, Helen
Baker, Evalena Charlotte
Balcomb, Bess G. (Mrs.) (A.B.)
Baldwin, Helen R.
Baller, Edith Gertrude
Baller, Theresa Elvira
Bamford, Edwin Fitton
Barber, Bessie L.
Barber, William Arthur
Barnard, Margaret
Barnwell, Sue
Barrett, Katharine Elizabeth
Barritt (A.B.)
Barry, Grace Burns
Barsot, Marguerite
Bartels, Donald Leroy
Bartone, Julia S.
Barton, Merritt Gibson
Bass, Ethel Marie
Bassett, Alberta
Bates, Edith M.
Beardslee, Mrs. C. G.
Beardslee, Claude Gillette (A.B.)
Beckman, Eva Rosalie
Beecher, William Clyde
Beele, Alice Wood
Beers, Mrs.
Beggs, A. Franklin
Belford, Helen
Bell, William M., Jr.
Benjamin, Matilde P.
Bennett, Bess Lenore
Bennett, Mercedes Ysabel
Benoy, Grace Peckard
Bentham, Josephine
Benwell, Burton
Berlier, Laurence W.
Bernstein, David
Bessolo, Patherine Lucia
Best, Harold
Bexoier, Nellie Elizabeth
Biddle, William W.
Biehl, Rosa
Biles, Emily
Billingsley, Ethel Elizabeth
Bird, Carol
Bittleston, Marie
Blackburn, Earl Dewitt
Blackburn, Mary (A.B.)
Blackwood, Jimmie
Blanks, A. F.
Bledsoe, Eugene Vincil
Bliss, Frances Evelyn
Blomquist, Helen Louise
Boehncke, Frieda Caroline
Bolton, Katherine Miller
Bolton, Lida May
Boucher, Manly Daniel
Bouelle, Frank A. (A.B.)
Bowen, Wayne F.
Bower, May E.
Bowman, Mrs. Alice Chaney
Brandt, Jesse Christian (M.A.)
Brandt, Kathryn Bomberger
Bratlon, Perle Antoinette
Brawley, James Philip
Bredon, Forrest (A.B.)
Breitkrentz, Mamie E. C.
Brennan, Bernard Clark
Brenan, Raymond Louis
Brewer, Louise
Brickley, Maud W.
Bridges, Mae D.
Brier, Isabel Presbrey (A.B.)
Brittain, Emma (A.B.)
Brooks, Sterling W.
Broome, Frances
Brown, Adelaide Jay
Brown, Arthur Meade
Brown, Etta Irene
Brown, Myrtle Emily
Brown, Ruth W.
Browning, DeWitt
Brubaker, Marie Hannah (A.B.)
Brubaker, Veda
Bruce, Grace Edna

- Bruce, Henry William
 Bruckman, Clara Lillian (A.B.)
 Bucholz, A. K.
 Buck, Orville Ray
 Buckman, Edith Louise
 Buckman, Phil E.
 Bullock, Frederick William
 Bunnell, Sarah Elecia
 Burks, Fay
 Burnett, Robt. Neel
 Burney, Benjamin S.
 Burson, Sara Louisa
 Burton, Dora Emma
 Burwell, Lorus Clifford
 Bush, R. W.
 Butterfield, Clarence U.
 Butterfield, Howard Lincoln
 Byerly, Perry, Jr. (A.B.)
 Ryerts, Nettie
 Byrkit, Elizabeth
 Byrkit, Margaret
 Cahoon, Charlotte Deming (B.S.)
 Cain, Grace S.
 Cain, Luther Mason (D.O.)
 Callahan, Dewey
 Callahan, Leo E.
 Campbell, Gordon T.
 Campbell, Margaret M.
 Campbell, Robert Edgar
 Carl, Iva Ann
 Carleton, Harold Allen R.
 Carroll, Mary Idalyn (B.M.)
 Cartwright, Dorothy Hawley
 Casselberry, Mrs. Annie S.
 Cazier, Maytie B.
 Chaffee, Ralph Horace
 Chamberlain, Julia M.
 Chamberlain, Mrs. Katherine S. (B.L.)
 Chapman, Clarke
 Chapman, Joe
 Charlson, Dalbert Ellsworth
 Chavez, Harry Eugene
 Chew, Benk
 Christensen, Serena P.
 Christensen, William Melvin
 Claire, Guy S.
 Clark, Anna M.
 Clark, Clifford (A.B.)
 Clark, Dorothy Elizabeth
 Clark, Marie S.
 Clarke, Annie Marie
 Clarke, Aubey B.
 Clarke, Buchanan Caldwell
 Cockran, Milton Wilbur
 Coeur, Roy Barton
 Cohan, Ellis
 Cohen, John Walter
 Cole, Edith M.
 Cole, Ruth
 Coleman, Norma
 Collins, Albert B.
 Collison, Marie
 Compton, Mrs. Henrietta
 Comstock, Warren Joseph
 Conly, Edwin Thomas
 Conrey, Lucile Elizabeth
 Cooley, Laura C.
 Cooper, Grace V.
 Cooper, Miss Mabel R.
 Costello, George Francis
 Coulson, Ed. F. R.
 Crandall, Edith M.
 Crawford, Benjamin Milan
 Cripe, Samuel O.
 Croff, Virginia
 Croke, Anna Bernardine
 Crouch, Lura Kathryn
 Crouch, Pierson Rachel
 Crowe, Agnes E.
 Crutchfield, Pearl C.
 Culver, Christian S.
 Curtiss, Fred J.
 Curtiss, Vienna Ione
 Daggs, Mary Kloss (B.A.)
 Dalland, Augustine
 Dallas, Donald A.
 Daniels, Josephine
 Darsie, Mrs. Ruth Agnes (B.A.)
 Davidson, Mary Newbert
 Davidson, Norabelle
 Davis, Clifford Merrill
 Davis, Edward Vincent
 Davis, Gertrude
 Davis, Helen N. (A.B.)
 Davis, Ruby C. (A.B.)
 Davison, Celia Leah Madeline
 Dawson, Frances M. (A.B.)
 Day, Horace Willard
 Decker, William Henry (A.B.)
 Deibert, George
 Dekker, C. Harding
 DeLamo, Charles Rojas
 DeVault, Nellie M.
 Dickey, Helen May (Pd.B.)
 Dickson, Geo. Alexander
 Didicksen, Karl Andrew
 Diffinbacher, Paul F.
 Dillman, Mary Irene
 Dillon, Joseph P.
 Doherty, Josephine Cecelia
 Dolley, Helen Edna
 Dolley, Lois Evelyn
 Dolton, W. E.
 Donnelly, Gertrude Marie
 Dougherty, Pauline M.
 Dougherty, Ruth
 Douglas, Carrie Estelle
 Douglas, Donald H.
 Douglas, Lillie N.
 Douglass, Robert Herschel
 Downs, Avenel V.
 Downs, Josephine Lorene
 Doyle, John Robert
 Drabkin, Charles
 Dresser, Minnie G.
 Duffey, Edna Frances (A.B.)
 Duncan, Grace Elizabeth
 Dunkelow, Lydia Elizabeth
 Dunlice, Elmer
 Dussean, Ralph Edward
 Early, Mrs. Della
 Ebert, Elizabeth Florence

- Edmonds, Arthur E. (M.Ped.)
 Edmonds, Rubie Hazel
 Edwards, Edith Eunice
 Elder, Welthy Celeste
 Elfstrom, Pearl A.
 Elledge, M. Merle (B.B.A.)
 Ellis, Ruth
 Emanuel, E. G.
 Emmons, Richard
 Ensley, Isabel Laura
 Erbes, Clara
 Ericsson, Ralph B.
 Erpelding, Matilda
 Erwin, Waldemar Merle
 Eshelman, Robert C.
 Estep, Florence
 Esterbrook, Oliva
 Estrada, Antonia
 Estus, Mrs. Mary M. (Pd.B.)
 Evans, Myra Lucile
 Evans, William Herbert
 Even, Elsie May
 Fagan, Gertrude M.
 Fancher, Lucile Pauline
 Farley, Floyd Wesley
 Fazendin, Marie
 Fesler, Alice May
 Fillman, H. F.
 Finch, Mrs. George
 Finch, Olen M.
 Fisher, Gertrude M.
 Fisk, Dean Lewis
 Fitzgerald, Mamie K.
 Flam, August
 Flanagan, Jack Wainwright
 Fletcher, Albie N.
 Food, Harold R. (B.S.)
 Foskett, Marjorie Lamont
 Franklin, Bertha Weber
 Fraser, Ruth Barbara (A.B.)
 Fredricksen, M. J.
 Freeland, Vina Elizabeth
 Freeman, Albert Thayer
 Freeman, Mary S.
 Freedlander, David (Ph.G.)
 Fritz, Mary Louise
 Frothingham, Ruth Hazel (A.B.)
 Fuk, Dean L.
 Fuller, Charles Golder
 Funderburgh, Isaac Vaughn
 Funk, Mabel Alyce
 Fye, Florence
 Gaddis, Eugene Samuel
 Gale, Ida May
 Gamble, Leo May
 Gammage, Mrs. Grady
 Gardner, Elizabeth M.
 Garel, Anna R.
 Garner, Estelle Rees
 Garrett, James Mathis
 Garrison, Mrs. Jean
 Gates, Villa Lee
 Gaw, Mrs. Allison
 Geertson, Lillian
 Gehlen, Viola Catherine (A.B.)
 Geiselhart, Edward James
 Genrich, Elizabeth H.
 Gillespie, Olive
 Gillette, Margaret Barbrick
 Gilligan, Zita Ruth
 Girdlestone, Catherine
 Girdlestone, May
 Givan, Louise Creme
 Gladden, Dora
 Glassick, William
 Gleason, Charlotte E.
 Gleiss, Gladys Ilela
 Glover, Henry Bert
 Goldsmith, Florence P.
 Good, Anna York (B.A.)
 Goodin, Frances Earle
 Gordon, Lillian Golden
 Goring, Beulah
 Gosewisch, Alice
 Graeff, Charles Albert
 Grannis, Virginia Rey
 Grant, Ruth Gordon
 Gray, George Donald
 Gray, John Andrew
 Gray, Mabel Townsend
 Graybiel, Isaiah Ashton
 Grayson, Walter Aylwin
 Greeley, Paul
 Greg, Joseph
 Greegg, Elsie
 Grizzle, Lucile Anness
 Groshell, William Renald
 Grundy, Arthur Evan
 Gustafson, Jessie Charlotte
 Guthrey, Mary H.
 Habberstad, Herbert A.
 Haberman, Margaret
 Haddon, Vernis Josephine
 Haines, Mildred G.
 Halfpenny, M. Lillian
 Halili, Leander C.
 Hall, Marcellus
 Hammond, Gertrude Best
 Haralson, Bryan James
 Hare, Milton M.
 Hare, Robert Ammiel (M.A.)
 Harper, Hazel
 Harris, Harold Vernon
 Harris, Marjorie (B.A.)
 Harrod, S. Hazel
 Hart, Edith Caroline
 Harte, May Celestivia
 Harvey, Carl Oliver (A.B.)
 Harvey, Fern Mildred
 Hastain, Stella B.
 Haug, Esther Mildred
 Hawkins, John Roland
 Hawkins, Walter G.
 Hawley, Josephine
 Hawley, Kate Lester
 Hay, Florence
 Hayman, Earl Spencer
 Haynes, Diantha May (A.B.)
 Healey, Winifred
 Heath, Mrs. A. J. S.
 Hebron, Desiderio (A.B.)
 Heckmann, Evelyn Bruce

Hedstrom, C. George
 Heichert, Murray Boker
 Heller, David Glenn (B.S.)
 Heller, Edith
 Henderson, E. L.
 Henderson, Muriel Grace
 Hendrick, Orra Leta
 Hendrick, Ruth
 Henrickson, Althea
 Henry, Mildred Mary
 Hepler, Fern
 Hewitt, George W.
 Hill, Vinnie J.
 Himes, Dorothy T.
 Hinchliff, Grace F. (A.B.)
 Hind, Walter Ernest
 Hinton, Violet Etta
 Hoefer, Andrew Jack
 Hofer, Carl Earl
 Hoffmeister, Halesia Delphine
 Holland, Sue Warren
 Hollar, Ada Julia
 Hollinshead, Marion J.
 Holman, Gladys Ruth
 Holman, Ida Burnham (M.A.)
 Hoover, Joshua Elvin (Ph.B.)
 Hopkins, Ruth Minerva
 Horikoshi, T.
 Horne, Kloria Mathes
 Horne, Reginald Edison (A.B.)
 Horton, Mary Edna
 Horwitz, Morris Louis
 Hosteller, Ella
 Hosteller, Ethel
 Hosteller, Kate
 Houston, Coral
 Howard, Bob
 Howe, Eaton Ferne
 Howe, John Paul
 Howell, Editha
 Hubbs, Clyde Elom
 Huffer, Pansy
 Hughes, Mrs. Elizabeth
 Hughes, J. B. (A.B.)
 Hughes, Luella M.
 Hulff, Julius William
 Hume, Georgia (A.M.)
 Humphrey, Adele Alice (A.M.)
 Hunt, Florence W.
 Hunt, Helena A. (M.D.)
 Hunt, Weston
 Hunter, Adda Wilson
 Hunter, Eula
 Hunter, Grace (A.B.)
 Huntington, Herbert A.
 Hunt, Leon Jefferson
 Huscroft, Rowena Margaret
 Huston, J. Guy
 Huxtable, Richard Byron
 Hwang, Grace
 Icke, L. R.
 Imus, David Loren
 Irwin, Miriam
 Ishikawa, K.
 Ives, Annett
 Ives, Anna W.

Ives, Elinor Randolph
 Jackson, Byrdie D. (B.A.)
 Jackson, Edna Louise
 Jackson, Luella
 Jacob, Maude Avaleen
 Jambon, Stephanie Frances
 Jamieson, Wesley Dykes
 Jansen, Cornelius (A.B.)
 Jansen, Mrs. Christine Fossler (A.M.)
 Jansen, Helen V. B.
 Jennings, Carolyn
 Jensen, Walter Steen
 Johnson, Curtis Sallee
 Johnson, Jessie Kerr
 Johnson, Perry Raymond
 Johnson, Thomas (B.A.)
 Johnston, Philip
 Johnstone, William Arthur
 Jonas, Percy J.
 Jones, Chas. D.
 Jones, Ida Isabella
 Jones, Kenneth Burns
 Jones, Mary Alice (A.B.)
 Jones, Ruth Marie
 Jones, Sara Grace (A.B.)
 Jorgenson, Alph Lorentz (A.B.)
 Joseph, C. George
 Joslin, Clarence E.
 Joslin, Marian Elizabeth
 Kametani, Masaru
 Kaufman, Ralph E.
 Keagle, Charles Lawrence
 Keck, Maurice
 Keeley, Henry A.
 Keislar, Mott (A.B.)
 Kelleher, James O.
 Keller, Frances Jane
 Kellogg, Mary Brockett
 Kelly, Florence M.
 Kennedy, Beryl
 Kennedy, Lucile
 Kennish, Marian Grosvenor (A.B.)
 Kern, Faye Alice
 Kerr, Flora Louise
 Kibby, Dale
 Kimball, N. Louise
 Kimball, Rachel
 Kirkham, Bertha
 Kitchin, Harvey Lindley
 Kline, Jessie M.
 Klinthorn, Sophia
 Knape, Elsa Evelyn
 Knight, Samuel (A.B.)
 Knoles, L. I.
 Koch, Ernest Joseph
 Koch, Paul Gerhard
 Koepsel, Lydia Anna
 Kohl, Douglas Roy
 Krause, Cora Sophia
 Kresgl, Katherine
 Kressen, Walter N.
 Kripp, Chando
 Kunkel, Lillie Dorothy
 Kurokawa, Kenjyo (A.B.)
 Kyle, John F.
 Lackey, Helen Katherine

- LaDow, Elizabeth
 Landau, Lucy Ruth
 Lane, Edith Lucinda
 Lane, Edwin Selden
 Lane, Gilbertena
 Lange, Marcia Lucille
 Langzona, Miguel Noche
 Larson, Mabel Hope (A.B.)
 Lawton, Marie W. (A.B.)
 Leap, Clive
 Leebrick, Bessie
 Leeder, Joseph A.
 Lefever, David W. (A.B.)
 Lesh, Mary Edna
 Lesh, William Walter
 Levering, Lucy
 Lewis, Lucy Elfa (A.B.)
 Lightbourn, Cleora O.
 Lincoln, Cora Olletha
 Lindberg, Ingeborg Louise
 Lind, Florence M.
 Linn, Mary Seaman
 Lino, Ray
 Little, Frederick Elder
 Livingston, Mae
 Lloyd, Louis David (B.D.)
 Lobdell, Harrison
 Lodwick, Deca
 Logsdon, Joseph Lincoln
 Lommen, Minnie
 Longley, Ruth Edna
 Longwell, Fern
 Loomis, Nina L. (A.B.)
 Lossnitzu, Arthur K.
 Love, Hubert H.
 Lucas, Frances S.
 Luce, Mary Erisa
 Luney, Mildred Louise
 McAdow, Ida Belle
 McCarthy, Florence E.
 McCartney, Norma
 McCaulley, Cecil Marie
 McCollom, Emabel
 McConanghy, Margaret
 McCorkle, Mrs. Adah D.
 McCrea, Francis Randolph
 McCully, Richard Overall
 McDaniel, Ruth Wright
 McDaniel, Victor George
 McEndree, Pearl Blanche
 McEwen, Virgil (A.B.) (A.M.)
 McGee, Gertrude Elizabeth (A.B.)
 McGillis, Frank L.
 McGregor, Mae Kathleen
 McKee, Mrs. Jane W.
 McKnight, Clifford S.
 McLean, Mary Elizabeth
 McMenamin, Faye E. (A.B.)
 McMore, Blanche Aileen
 McNuly, John G.
 McNeil, Andrew MacKay
 McNeil, Edward John
 McNeill, Estelle
 McPheeters, Harry A.
 Mabee, Cora Elsie
 Macdonald, Edward Coleman
 MacDonaugh, Martha Harrie (A.B.)
 MacIntyre, Etta Louise
 Mackey, Druzilla Ruth
 Magee, Grace Miriam
 Maher, Mabel M.
 Mahoney, Alice Lillian
 Mann, Effie Beatrice
 Mann, Rubie (A.B.)
 Martin, Alfred E.
 Martin, Edwin Leonard
 Mason, Bessie Hutchinson
 Mathes, Margaret
 Matheson, Mary Margaret
 Mathews, Jeannette
 Mathews, Paul Stockwell
 Matlin, David R.
 Matsutaro, Nitta
 Matthews, Marion Mabel
 Mattoon, Mabel
 Maxfield, Florence Alta
 Mayberry, Pallen Irene
 Mead, Elbert Wheelock
 Meeker, John Gerold
 Meeteer, Ruth Young
 Meleen, R. Mamie
 Melsing, Melba
 Melton, Mary S.
 Merrill, Charles E. (A.B.)
 Merrill, Ethel R.
 Metzger, Jessie Marguerite
 Metzner, Jeanne Theresda
 Meyers, Amelia Bertha
 Michener, Lyndell Muriel
 Middleton, Ethel Herby
 Miller, Alfa (A.B.)
 Miller, Daniel
 Miller, Emma Celia
 Miller, Eva Mae
 Miller, Josephine Eugenia
 Miller, Mary Georgeanna
 Miller, Samuel J. (A.B., M.A.)
 Miller, Wallace Jenks
 Milspaugh, Helen Josephine (B.S.)
 Milner, Pearl
 Minsky, Harold Bernard
 Minsky, Louis B.
 Molshee, Grace C.
 Moon, Doris
 Moore, Bertha Chester
 Moore, Celeste Nettleton, Mrs.
 Moore, Edith C.
 Moore, Edith
 Moore, Edwin C.
 Moore, Nellie
 Morey, Jennie B.
 Morgan, Mrs. Sarah Moon
 Morrill, David B.
 Morris, Mary Elizabeth (A.B.)
 Morrow, Ruth (School of Music)
 Morse, James T.
 Moseley, Ella
 Moskedal, Elizabeth Anna
 Mueller, Carl Alwynn
 Mullen, Calvin H. (A.B.)
 Muller, Margarete
 Munger, Helen Isabel

- Murray, Earl (A.B.)
 Murray, Geraldine
 Mussatti, James
 Nanney, Leslie Carson (B.S.)
 Nasatir, Frances
 Neel, Helen T.
 Neff, Della May
 Neister, Gail (A.B.)
 Nelson, Alice Sarah
 Newcomer, Olive M. (A.B.)
 Newton, Ada
 Nica, Robert M.
 Nicholson, Dorothy Grace
 Nimocks, Mrs. May
 Nisbet, Marjorie Jane
 Nofziger, Olga
 Nonhof, Irene Jeanette
 Norris, Minna E.
 Norviel, John Wesley
 Norton, Aldine
 Norton, Cecile I.
 Nourse, Mary E.
 Nye, Alice B.
 Oakes, Mabel M.
 Oates, E. E.
 Obrist, Alice
 O'Connell, Charles Joseph
 Ofugi, Yutaka
 Olsen, Bess
 Olson, Laurel Angeline
 Olson, Vivian Frances
 Oneal, Charlotte Ruth
 Oneal, Chas. H.
 Onstad, Alvin Elmer
 O'Reilly, Patrick
 Orr, Conrad O. (B.A.)
 Osborn, Carrie Barton
 Osborn, Lois Euphemia
 Oscar, Helen Mary
 Ostermann, Hazel Margaret
 Owen, Claude
 Owen, Earnest Almond (B.S., M.S.)
 Owen, Mrs. Myrtle Hamilton
 Oyama, Hideo
 Palmer, Raymond J.
 Park, Emma Janette
 Parker, Lucile Carolyn
 Parks, Elizabeth Florence
 Parsons, Frank Whiton
 Partridge, S. Merritt
 Fatterson, William Stewart
 Peach, Joe Zora (B.Ph.)
 Peeler, Viola
 Peiner, Charlotte Louise
 Penrose, Mary Denning (A.B.)
 Peralta, Saturnino Sison
 Perry, R. B.
 Perry, Harold Elbert
 Perryman, Bertha
 Peterson, Ella Minnie
 Peterson, Mary Ellen
 Peterson, Walter C.
 Phie, William Joseph
 Phillips, Elizabeth Irene
 Phillips, Jean Isabella
 Pickell, Ruth Marjorie
 Pierce, Ruth
 Pitman, Rebecca May
 Pluso, Evelyn
 Poetker, Elmer A.
 Polkinghorn, George
 Porter, Persis Bach.
 Porter, William Thomas
 Potter, Mrs. Nellie I.
 Powell, Herbert Frederic
 Powell, Muriel Edwina (B.A.)
 Pratt, Mary
 Preston, Irene Marie
 Pride, Nettie
 Prince, Ruth B.
 Pritchard, C. A.
 Pritchard, Marcus Baldwin
 Pritchard, William Watkins (Ph.G.)
 Probst, Emma
 Proctor, Ralph R.
 Puckett, Lillian
 Purinton, Henry Page
 Putcamp, William J.
 Quinette, Grace
 Ramsey, Carrie Eva
 Rannar, Marion Annette
 Rapp, Agnes I.
 Rapp, Mrs. Carrie Keeler
 Rathwell, Lelia M.
 Ray, Miss
 Raymond, John Harvey
 Reed, Nelia
 Rees, Elinor
 Reeves, Richard Edwin
 Reynold, Scott Williams
 Reynolds, Ada May
 Richard, Mrs. Mertice Aldahl
 Richards, John A.
 Richards, Mabel May (B.S., A.M.)
 Richardson, Mrs. Bess W.
 Richardson, Frank
 Richardson, Mrs. Mary E. S. (Ph.B.)
 Richardson, Myrtle Lucile
 Richie, Emily Mary
 Riddle, Royal Somerfield
 Riegler, Gordon Arthur
 Riley, Portia Alice
 Rinearson, Meldrum McCown
 Ripple, Martha A.
 Ritchey, Gwynnyth Jane
 Roan, Anna M. (Ph.B.)
 Roberts, Mary
 Roberts, Russell Nichols
 Roberts, Winifred Inez
 Robertson, Margaret Winifred
 Robinson, Clarence John
 Robinson, Mrs. Lillian (A.B.)
 Robson, Elise Handcock
 Rodda, Gladys A.
 Rogering, Adella Rose
 Rogers, Harold J.
 Rogers, Marion Lucy
 Rolfe, Frank
 Romer, Mrs. Margaret Hulff
 Root, Young Lee (B.S.)
 Rosen, Anna Ethel
 Rosenberg, Arthur

- Rusling, Cora S. (A.B.)
 Ryan, Frank J.
 Ryker, Mary Merrill
 Saeta, Benjamin Jay (B.S.)
 Sallstrom, Ada M.
 Sandberg, Lillone
 Sandmeyer, Paul O. (A.B.)
 Sands, Elizabeth Davis
 Satz, J. Wallace
 Sawyer, Elizabeth Barnes
 Sawyer, Gordon Welsh
 Saylor, Donald Failane
 Schaffter, Adah Elma (A.B.)
 Schelmk, Lydia Mathilda
 Schoeffel, Raymond Louis
 Schultz, Raymond Edward
 Schweitzer, Rose
 Scott, Helen Frances
 Scott, Vivian
 Seiler, Lili
 Sein, Walter M. (B.S.)
 Seitz, Ruth L.
 Sevier, Roger Walter
 Seybert, Myra
 Seymour, Margaret Mary
 Shaffer, Aubrey Della
 Sharp, Luther
 Sharell, Ethel Mae
 Shaw, Laura Emily
 Sheehan, Daniel Joseph
 Sheldon, Mrs. Lina Kirkland
 Sherwin, Fred Pitcher
 Sherwood, Hazel Marie
 Shideler, Bernice Elizabeth
 Shield, William T.
 Shiflet, Chloren Brooklyn
 Shirley, Reuben Jefferson (B.S.)
 Shuck, Carl H.
 Shunk, F. Adell
 Sigrist, Edna Earle
 Silver, Ruby
 Simons, Carroll Guysbert
 Simpson, Edythe
 Sister Agnetis
 Sister Cecelia
 Sister Cecelia Rose
 Sister Ligouri
 Sister Seraphias
 Slater, Collise Mary
 Sletten, Theresa C.
 Smail, Lloyd Leroy (A.B., A.M., Ph.D.)
 Smith, Clement Hardin
 Smith, Elsa Stonehouse
 Smith, Gertrude Hulette
 Smith, Isobel
 Smith, Jane May (A.B.)
 Smith, Merrill Adele
 Smith, Nina Grace
 Smith, Olive E.
 Smith, Mrs. Verene Stephan
 Smithey, Nora L.
 Snavelly, Ethel Irma
 Snelling, Christine Elizabeth
 Snow, Mrs. Blanche Allen
 Snow, Ernest Dencil
 Snow, Maude Rosamond (A.B.)
 Snyder, Edward Charles
 Snyder, Gladys Lillian (A.B.)
 Solomon, Mina Louana (A.B.)
 Solter, Mrs. J. E. (A.B.)
 Solter, Jesse E. (A.B.)
 Somerville, Dorothy Alice
 Spence, Arthur Ward
 Sprenger, Florence Helen
 Springston, Christine
 Stanford, Everett Russel
 Stanley, Ethel Marguerite (A.B.)
 Stapp, Melvina
 Starck, Frances Helen
 Starosselsky, Catherine
 Steelhead, Bert Francis
 Stein, Berslia
 Stephen, Jack McDonald
 Sterling, Harriet Bettina
 Stevens, Ada Mar.
 Steward, Alma R.
 Stewart, Anna Rebecca
 Stewart, L. R.
 Stewart, Wm. Y.
 Stoneham, Sarah
 Stonier, D. Duane
 Strickland, Maude E.
 Struthers, Alice (A.M.)
 Stuart, Charles Melvin
 Sutphen, Helen Sanders
 Sutter, Joseph Dudley
 Sutton, Stanley Weld
 Suyeda, George
 Suzawa, Thomas K.
 Swanson, Mamie H.
 Sweet, Norah Margaret
 Symons, Helen Elizabeth
 Taber, Jessie
 Tafoya, Jessie Macias
 Tallmadge, Leslie France
 Tallman, Mrs. Grace Marian
 Tapley, Gustavus Sheffield
 Taylor, DeWitt Eugene
 Taylor, Mabel Edytha
 Taylor, Rose E.
 Teachout, Ida Gilmore
 TaGroen, Dick
 Terrass, Clara Geneva
 Tettelbach, Maude
 Thacher, M. Eva
 Thayer, Mabel Rozella (A.B.)
 Theobald, Harry C. (A.B.)
 Thoborg, Mabel
 Thomas, Evalyn
 Thompson, Sarah Bourm
 Thornton, Alice Haines
 Tibbetts, Alice Baltzett
 Todd, Harry Willard (B.L.)
 Toney, Gladys
 Tovey, Herbert George
 Truesdale, Bessie Beatrice
 Truesdale, Elsie Alice
 Tucker, Alice Marian
 Trine, Frank Leesyl
 Turley, Eleanor
 Turner, Grace M.
 Ulmar, Boris

Ulrich, Edna
 Underhill, Jackson Elliott
 Valenzuela, Jessis Zafra
 Vance, Dorothy Alberta
 Vance, Harold
 Vandeburg, Hattie Madge (A.B.)
 Van Vleet, Ruth C.
 Vawter, Nellie
 Vena, Dorothy
 Venable, Ruby M. Offutt
 Villasenor, Victor Manuel
 Vivian, Robert Evans
 Volse, Louis A.
 Voorhees, Mildred Irving
 Vorachik, Pauline Anne (B.A.)
 Waddle, Viola B.
 Wade, Chas. Robert
 Wagner, Mrs. M. Winona
 Wahlquist, Arthur Fridjolf
 Waldrop, Ida Catherine (A.B., M.A.)
 Walker, Beatrice
 Walker, Dorothy Lillis
 Walker, Grace Darling
 Walker, Mary Lynn
 Ware, Lelia
 Wark, Elizabeth F.
 Warneke, Walter William
 Warner, Harry Chester (A.B.)
 Wasson, Martha Jane (B.S.M.S.)
 Watanabe, Takichi
 Watkins, Etta Belle
 Watson, Alice Erwin
 Watson, Melvin Reed (B.S.)
 Weaver, R.A.
 Webb, Ruth Elizabeth
 Webster, Nancy Emma
 Weiler, Ralph Jacob
 Welles, Doris Idabel
 Welles, G. Mary, Mrs.
 Wells, Francis J.
 Welsh, Stanton Parks
 Werner, Harry Edward
 Westfall, Merrill Day
 Weston, Arnold Cook
 Van Westrienen, John Low
 Wharton, Eleanor A.

Whitaker, Carrie Augusta
 Whitcomb, Edith Lucy
 White, Franklyn Ross
 White, Zerilda Wagner
 Whiting, Lillian Viola
 Whitney, Fayette William (Ph.B.)
 Wickersheim, Mildred May
 Widney, Vincent
 Wiggs, Alma Myrtle
 Wiggs, Anna Gertrude
 Wiggs, Bessie Mae
 Wiggs, Edith Hollingsworth
 Wightman, Florence
 Wightman, Madge
 Wilde, Merida Naomi (A.B.)
 Wilder, Floyd W.
 Wilfong, Carrie B.
 Wilhite, Geo.
 Wilkinson, Ruth D. (A.B., A.M.)
 Willcox, Clara
 Williams, Estella Ruth (B.Pd.)
 Williams, Jessie
 Williams, Mildred Catherine (A.B.)
 Willis, Nora
 Willoughby, Mary Clinite
 Wilson, Emma Peterson
 Wilson, Jean Hazel (A.B.)
 Wilson, Lillian
 Witmer, Willette W.
 Wolfe, Eugene
 Wong, Pui-Wo Wifloo
 Wood, Alice Belle (B.S.)
 Wood, Earle Charlton
 Woodbury, Nellie Vaughn
 Wright, A. K.
 Wright, Kenneth King
 Wylie, Mary G.
 Wynne, Ina Ruth
 Yoder, Elizabeth
 York, George Kenneth
 Yost, Bernice Louise
 Young, George Arthur
 Young, Hazel (A.B.)
 Zicksfoose, Marion McKinley
 Zimmerman, Eunice
 Zorn, Idella Francis.

UNIVERSITY HIGH SCHOOL, 1921-1922

Adamow, Queenie (1).....Los Angeles
 Allen, Ruth (4).....Los Angeles
 *Alsop, Richard (1).....Los Angeles
 *Anderson, Helen (3).....Los Angeles
 *Anderson, Norman (4).....Los Angeles
 Andrews, Josephine (2).....Los Angeles
 Babcock, Elva (1).....Los Angeles
 *Ballwanz, Emil (1).....Los Angeles
 *Baner, Logan (4).....Los Angeles
 *Barnett, William (4).....Long Beach
 Barry, Gladys (4).....Los Angeles
 *Becker, Junior (2).....Los Angeles
 Berniger, Virginia (4).....Los Angeles
 *Berry, Alta (4).....Los Angeles
 Blodgett, Clark (2).....Los Angeles

*Blohm, James (P.G.).....Eagle Rock
 Bly, Stannage (3).....Los Angeles
 Boden, Dorothy (4).....Pasadena
 *Bradbeer, George (P.G.).....Los Angeles
 Brezel, Marie (3).....Los Angeles
 Brice, Eleanor (1).....Glendale
 Brice, Elmo (1).....Glendale
 *Bond, Pauline (Spec.).....Los Angeles
 Brown, George (1).....Los Angeles
 *Bryam, William (3).....Los Angeles
 Burke, Rosalie (1).....Los Angeles
 *Butler, LilaLos Angeles
 Butters, Hugh (3).....Los Angeles
 Butterfield, Viola (4).....Los Angeles
 Bysche, Dorethea (1).....Los Angeles

*Cale, Ruth (3).....	Los Angeles	*Kaufman, Esther (2).....	Los Angeles
Cammert, Vivian (2).....	Los Angeles	*Kay, Doris (3).....	Los Angeles
*Camp, Anna Lee (2).....	Los Angeles	Klusman, Wesley (2).....	Los Angeles
*Camp, Lois (2).....	Los Angeles	Knopf, Albert (4).....	Los Angeles
Chambers, Frank (4).....	Hollywood	*LaMarch, Robert (3).....	Los Angeles
Chang, Ming (Spec.).....	Los Angeles	*Lee, Alicia (2).....	Los Angeles
Chastsin, Herbert (2).....	Los Angeles	*Lee, Harold (4).....	Pasadena
Childs, Mary (1).....	Los Angeles	*Leavenworth, Roy (2).....	Los Angeles
Clayberg, Marion (4).....	Los Angeles	Leitzel, Buela (3).....	Los Angeles
*Clark, Robert (1).....	Watts	Leitzel, Edna (3).....	Los Angeles
Clark, Verna (1).....	Los Angeles	Life, Aletha (1).....	Los Angeles
Clay, Ruth (1).....	Los Angeles	Lloyd, Josephine (1).....	Los Angeles
Clewell, Dorothy (2).....	Los Angeles	*Maher, Winifred (1).....	Los Angeles
Cohen, Harry (2).....	Los Angeles	Mamiya, Torao (Spec.).....	Los Angeles
*Collins, Eugenia (1).....	Los Angeles	*Mann, Nella (3).....	Los Angeles
Collins, Gordon (2).....	Los Angeles	Martyn, Alberta (4).....	Los Angeles
Cronk, George (3).....	San Pedro	Mason, Myrtle (3).....	Los Angeles
Cunningham, Donald (Spec.).....	Los Angeles	*Matton, Paul (Spec.).....	Los Angeles
Cutner, Sidney (4).....	Los Angeles	Max, Buford (4).....	Los Angeles
Davison, Isabelle (4).....	Los Angeles	Maxwell, Richard (1).....	Los Angeles
Douglass, George (3).....	Los Angeles	McDonald, Anna (1).....	Los Angeles
Douglas, Paul (4).....	Los Angeles	McDonald, Myrtle (4).....	Los Angeles
Drown, Kenneth (4).....	Los Angeles	*McPheters, Walter (1).....	Los Angeles
Dunphey, Ruth (Spec. P.G.).....	Los Angeles	*MacNevin, Betty (1).....	Los Angeles
Dunn, Jack (4).....	Los Angeles	Metzger, Emily (2).....	Los Angeles
Factor, Freda (4).....	Los Angeles	Miller, Erwin (2).....	Los Angeles
Feider, Ruth (2).....	Los Angeles	*Miller, Paul (3).....	Los Angeles
Finley, Richard (4).....	Long Beach	Miller, Raymond (1).....	Los Angeles
Foster, Lois (4).....	Los Angeles	*Miller, Ruth (3).....	Los Angeles
*Fox, Joyce (3).....	Los Angeles	Mills, Gordon (4).....	Los Angeles
*Funk, Wilbur (3).....	Glendale	Montgomery, Harold (1).....	Los Angeles
Garner, Maynard (3).....	Los Angeles	Moore, Dorothy (1).....	Los Angeles
*Gibson, Letha (2).....	Los Angeles	*Moore, Eleanor (4).....	Los Angeles
Gifford, Helen (1).....	Los Angeles	Moore, Josephine (4).....	Los Angeles
Glover, Katherine (3).....	Los Angeles	Morton, Ruth (2).....	Glendale
Goodhew, Marjory (Spec.).....	La Manda Park..	*Mouch, Clarence (1).....	Los Angeles
Grimes, Imogene (3).....	Los Angeles	Mouch, Maude (2).....	Los Angeles
Groen, John (2).....	Los Angeles	Mugridge, Donald (3).....	Los Angeles
*Groves, Theresa (3).....	Los Angeles	Mulville, Ignatius (3).....	Los Angeles
Gunter, Tom (2).....	Los Angeles	Munro, Bert (2).....	Los Angeles
*Hamilton, Douglas (2).....	Los Angeles	Murilla, Estella (2).....	Watts
Hammond, Virginia (4).....	Los Angeles	Nelson, Kenneth (4).....	Los Angeles
Hampton, Leonard (4).....	Los Angeles	*Nesterenko, Trafim (Spec.).....	Los Angeles
*Harrison, Nelson (4).....	Los Angeles	Nichols, Chester (3).....	Los Angeles
Hastings, Rae (1).....	Los Angeles	*Nieto, Melba (3).....	Los Angeles
*Hayes, Linn (4).....	Los Angeles	*Noel, Fredrick (1).....	Los Angeles
*Hendrix, Eva (Spec.).....	Culver City	Nomura, Tom (2).....	Los Angeles
Hendricks, Calvin (1).....	Los Angeles	Orloff, George (4).....	Los Angeles
Higgins, Bonnie (3).....	Gardena	*Orlof, Victor (1).....	Los Angeles
Hiltscher, Frances (1).....	Los Angeles	*Peacocke, Vereker (3).....	Los Angeles
Hiramatsu, Frank (2).....	Los Angeles	*Pearce, Warde (2).....	Los Angeles
Hockett, Wilson (2).....	El Monte	Pelletier, Corinne (1).....	Los Angeles
*Hoggaid, Cordelia (1).....	Los Angeles	Plantico, Nerna (3).....	Los Angeles
Howell, Lois (4).....	Los Angeles	*Poliakin, Sophie (1).....	Los Angeles
Hutt, Lavinia (1).....	Los Angeles	Pomerooy, Donald (2).....	Los Angeles
*Inman, Grace (2).....	Los Angeles	Price, Clarence (4).....	Los Angeles
*Isaacs, Lorraine (Spec.).....	Los Angeles	Reader, Phyllis (2).....	Los Angeles
*Jenkins, Dorothy (3).....	Los Angeles	Redden, Arthur (2).....	Los Angeles
Jenkins, May (4).....	Los Angeles	*Rhodes, Murel (3).....	Los Angeles
*Jeter, Dorothy (3).....	Watts	*Rix, Elsie (3).....	Los Angeles
*Joannes, Theresa (4).....	Los Angeles	*Roberts, Thelma (4).....	Los Angeles
Johnson, Gladys (3).....	Los Angeles	*Roberts, Watkins (4).....	Los Angeles
*Joyce, George (1).....	Los Angeles	*Robinson, Lina (Spec.).....	Los Angeles
		*Rowland, Zenoria (3).....	Los Angeles
		*Rummel, Samuel (3).....	Los Angeles
		*Ryrie, Staunton (3).....	Los Angeles

*Sawyer, Southern (3).....Long Beach
 *Saito, Tom (Spec.).....Los Angeles
 Shaffer, Faye (4).....Los Angeles
 Shaffer, Herbert (3).....Los Angeles
 *Sherman, Wilda (2).....Los Angeles
 Shuester, Harold (P.G.).....Los Angeles
 *Schneider, Walter (4).....Los Angeles
 *Schwartz, Lewis (2).....Los Angeles
 Seider, Raymond (P.G.).....Los Angeles
 Silver, Alexander (4).....Los Angeles
 Smith, Frances (1).....Los Angeles
 Smith, Katharine (2).....Los Angeles
 *Spangler, Dorothy (1).....Los Angeles
 Sparks, Grace (1).....Los Angeles
 *Spinner, Jeanne (Spec.).....Long Beach
 Stephen, Lester (2).....Los Angeles
 Stevens, Dorothy (1).....Los Angeles
 Stevens, Terrill (4).....Los Angeles
 *Still, Charles (1).....Los Angeles
 Stone, Lois (4).....Los Angeles
 Storrs, Lane (3).....Los Angeles
 Sturgis, Frances (3).....Los Angeles
 Sullivan, Mary (2).....Los Angeles
 Taam, Tso-Tin (4).....Los Angeles
 Tanner, Max (2).....Los Angeles
 Taylor, LaFayette (1).....Los Angeles
 Thayer, Paul (4).....Hollywood
 *Thompson, Adeline (3).....Los Angeles
 Van Fleet, George (1).....Los Angeles

Vincent, John (1).....Los Angeles
 Vincent, Herbert (4).....Los Angeles
 Watanabe, Tokiichi (Spec.).....Los Angeles
 *Watts, John (1).....Huntington Park
 Webster, William (4).....Los Angeles
 *Weinberg, Milton (Spec.).....Los Angeles
 Wells, Frances (4).....Los Angeles
 *Wenzlaff, Edward (4).....Los Angeles
 Weston, Louis (3).....Los Angeles
 White, Dorothy (1).....Los Angeles
 Whitney, Ruth (2).....Los Angeles
 *Wiggs, Ethel (Spec.).....Los Angeles
 *Williams, Ethel (Spec.).....Los Angeles
 *Williams, John (3).....Los Angeles
 Williams, Lillian (2).....Los Angeles
 Wilson, Myrtis (4).....Los Angeles
 Wood, Florence (4).....Los Angeles
 *Wood, Ruth (4).....Los Angeles
 Woodson, Kathleen (1).....Los Angeles
 *Workman, Aud (2).....Los Angeles
 *Wright, Glenn (2).....Los Angeles
 Wyckoff, Carmi (4).....Los Angeles
 Wyckoff, Velorus (2).....Los Angeles
 Wyman, Margaret (Spec.).....Los Angeles
 Yang, Faith (1).....Los Angeles
 Yang, Charles (1).....Los Angeles

* Out

CLASSIFICATION

The college or school is indicated as follows: L.A., Liberal Arts; L, Law; D, Dentistry; R, Religion; P, Pharmacy; M, Music; S, Speech; C, Commerce. The numbers 1, 2, 3 or 4 following the abbreviation denotes the class. Sp. indicates Special, and F.B., Federal Board students not otherwise classified. In the case of Graduate students the candidacy is indicated by the abbreviation H.S., Recommendation for High School certification; A.M., M.S., LL.M. and J.D. for the respective degrees. G, Graduate students not candidates for degrees.

Abbott, Arthur M. (L.A. Sp.).....Los Angeles
 Abbott, J. L. (Sociology, A.M.).....Fullerton
 A.B. Southern California, 1921.
 Abrahams, Milton (L.A. 1).....Los Angeles
 Abrams, Dorothy (L.A. 1).....Los Angeles
 Abrams, Edmund C. (C. 2).....San Luis Obispo
 Achenbach, June (L.A. Sp.).....Los Angeles
 Acock, Winifred M. (Latin, A.M.).....Redlands
 A.B., Franklin College, 1904.
 Adachi, S. (D. 1).....Los Angeles

Adam, Esther Cecile (French, A.M.).....Los Angeles
 A.B., Northwestern University, 1920.
 Adamow, J. M. (C. 1).....Los Angeles
 Adams, A. F. (D. 1).....Los Angeles
 Adams, Douglas (L.A. 1).....Los Angeles
 Adams, Ercil W. (L.A. 3).....Los Angeles
 Adams, Florence E. (L.A. 1).....Los Angeles
 Adams, George (C. 1).....Los Angeles
 Adams, Halley (L.A. 1).....Los Angeles
 Adams, Leo C. (D. 1).....Stockton
 Adams, Lois A. (L.A. 3).....Los Angeles
 Adams, Lura E. (L.A. Sp.).....Los Angeles

- Adams, Lyle H. (L. 2).....Los Angeles
 Adams, Napoleon (P. 1).....Los Angeles
 Adams, P. A. (C. Sp.).....Los Angeles
 Adams, Russell T. (L. 2).....
 Huntington Park
 Adams, William D. (L.A. 1).....Dinuba
 Adamson, Dova (C. 4).....Bedford, Ind.
 Adamson, Hildegard (M. Sp.).....
 Los Angeles
 Adelson, Anna (L.A. Sp.).....Los Angeles
 Adrian, Gerald (C. 1).....Santa Barbara
 Aguirre, Maria L. (L.A. 2).....San Jacinto
 Ahlf, Howard E. (L.A. 3).....
 San Luis Obispo
 Ahlmeyer, Bertha J. (L.A. Sp.).....
 El Monte
 Ahlhorn, Charlotte H. (L.A. 3).....
 Kilbourn, Wis.
 Airston, Margaret (P. 4).....Los Angeles
 Akers, C. W. (D. 3).....Dinuba
 Akiyama, K. (C. Sp.).....Los Angeles
 Albert, Katherine (S. Sp.).....Los Angeles
 Albertson, Marie (C. 1).....Los Angeles
 Albright, Catherine M. (L.A. Sp.).....
 Los Angeles
 Albright, Rena (M. Sp.).....Los Angeles
 Alexander, Harold (C. Sp.).....Glendale
 Alfond, Nellie Lorene (English Gr.).....
 Huntington Park
 A.B., University of Redlands, 1918.
 Algots, M. G. (C. Sp.).....Los Angeles
 Allcott, Austin V. (L.A. Sp.).....
 Salt Lake City, Utah
 Allderdice, Lucile (L.A. Sp.).....
 Los Angeles
 Allen, Eva M. (C. Sp.).....Los Angeles
 Allen, Harold H. (L.A. 2).....Los Angeles
 Allen, J. H. (C. Sp.).....Los Angeles
 Allen, Marguerite P. (L.A. Sp.).....
 Los Angeles
 Allen, Ruth E. (L.A. 1).....Long Beach
 Allen, W. C. (D. 1).....Los Angeles
 Allen, W. Harold (C. 1).....
 Lewiston, Mont.
 Allison, Marianne (L.A. 4).....
 McPherson, Kans.
 Allworth, Arthur (C. Sp.).....
 Twin Falls, Idaho
 Almande, Marie H. (M. Sp.).....Georgia
 Alrikat, Estrela (L.A. Sp.).....Los Angeles
 Alston, S. J. (P. 1).....Durant, Miss.
 Althoff, Grace L. (L.A. 3).....Los Angeles
 Alviar, Carlos de G. (L. 3).....Los Angeles
 Ames, Eleanor (C. 1).....Los Angeles
 Ames, P. E. (D. 3).....Fresno
 Amesbury, Fred (L.A. Sp.).....
 Los Angeles
 Amos, Paul A. (L. 3).....Buhl, Idaho
 Amstutz, Harry P. (L.A. 4; L. 3).....
 Riverside
 Amundson, L. (D. 1).....Los Angeles
 Amy, Lorna A. (L.A. Sp.).....Los Angeles
 Anaya, Salvador (L.A. 1).....Los Angeles
 Andersch, Harry (C. 2).....Los Angeles
 Andersen, George C. (L.A. 2).....
 Santa Monica
 Anderson, Alfa Wood (M. Sp.).....
 Los Angeles
 Anderson, Austrid (M. Sp.).....Los Angeles
 Anderson, D. C. (C. Sp.).....Los Angeles
 Anderson, Elizabeth (M. Sp.).....Pasadena
 Anderson, Elsa (M. Sp.).....La Canada
 Anderson, G. (D. 1).....Los Angeles
 Anderson, James C. (L.A. 4).....
 Los Angeles
 Anderson, L. D. (M. Sp.).....Glendale
 Anderson, Newton E. (L.A. Sp.).....
 Turton, S. Dak.
 Anderson, Norman (C. 1).....Los Angeles
 Anderson, Otto (C. 1).....Pomona
 Anderson, Ragnar E. (L.A. 1).....
 Los Angeles
 Anderson, R. L. (D. 1).....Los Angeles
 Anderson, Robert (L.A. 4).....
 Santa Monica
 Anderson, Stuart D. (L. 2).....Los Angeles
 Anderson, Thelma M. (L.A. Sp.).....
 Los Angeles
 Anderson, Virginia C. (L.A. 1).....
 Los Angeles
 Andrews, J. Alvah (L.A. Sp.).....
 Los Angeles
 Andrews, Miles J. (L.A. 4).....Los Angeles
 Andrews, William (C. 2).....Los Angeles
 Andrus, M. S. (C. Sp.).....Los Angeles
 Angerman, William G. (L.A. 2).....
 Los Angeles
 Antidel, L. S. (C. Sp.).....Los Angeles
 Appel, A. (C. Sp.).....Los Angeles
 Appel, Edgar (C. 1).....Long Beach
 Arase, Junzo (Commerce, Gr.).....Japan
 A.B., Waseda University, 1916.
 Arbogast, B. Louise (L.A. Sp.).....
 Los Angeles
 Archer, Dorothy (L.A. 4).....Los Angeles
 Arena, Leo (D. 1).....Gilroy
 Arkley, Muriel E. (L.A. 4).....
 Garden Grove
 Armstrong, Buron N. (D. 1).....Holtville
 Armstrong, Helen (C. Sp.).....Los Angeles
 Arnett, Mahlon E. (L.A. 2).....
 Los Angeles
 Arnold, Aletha (L.A. 2).....Los Angeles
 Arnold, Mrs. M. (C. Sp.).....Los Angeles
 Arnold, Paul S. (D. 3).....Los Angeles
 Arthur, Agnes (History, Gr.).....Orange
 A.B., University of Washington, 191
 Arzt, Marion R. (L.A. 1).....Alhambra
 Asadoorian, T. N. (D. 2).....Pasadena
 Ashbaugh, George D. (L.A. 3).....
 San Bernardino
 Ashdown, Mrs. H. J. (C. Sp.).....
 Los Angeles
 Ashkins, E. (D. 3).....Long Beach
 Ashleigh, Lora (L.A. 1; M. Sp.).....
 Montebell
 Ashley, L. J. (C. Sp.).....Los Angeles
 Ashman, A. M. (D. 2).....Los Angeles
 Ashton, W. Norris (L.A. 2).....Covina
 Askin, J. Morgan (L. 2; L.A. Sp.).....
 Los Angeles
 Aspland, Kittie G. (L.A. Sp.).....Venice

- Atchley, Ella Frye (L. 2).....Los Angeles
 Atkin, W. T. (D. 3).....Beaver City, Utah
 Atkins, H. B. (D. 2).....Los Angeles
 Atkinson, Virginia (S. 1; L.A., M. Sp.).....Los Angeles
 Attarian, Y. (P. 1).....Los Angeles
 Attebury, Louise (L.A. 3).....Farmington, N. Mex.
 Auer, Leland (M. Sp.).....Los Angeles
 Auer, Marguerite (M. 3).....Los Angeles
 Auer, Mildred (M. Sp.).....Los Angeles
 Augerman, Sidney A. (P. 1).....Los Angeles
 Augustine, Clarence (L.A. 1).....Los Angeles
 Austin, D. T. (C. Sp.).....Los Angeles
 Austin, Florence (M. Sp.).....Anaheim
 Austin, Juanita I. (L.A. Sp.).....Los Angeles
 Austin, Lloyd L. (L.A. 1).....Chandler, Ariz.
 Axe, Fred W. (Education, A.M. H.S.).....Los Angeles
 A.B., Southern California, Feb., 1922
 Axe, Harold W. (L.A. 1).....Los Angeles
 Axtel, Emilie H. (L.A. M. Sp.).....Tombstone, Ariz.
 Ayres, Donald B. (L. 1; C. Sp.).....Los Angeles
 Azhderian, Helen W. (M. Sp.).....Los Angeles
 Babson, Helen (Sociology, A.M.).....Los Angeles
 A.B., Vassar, 1905.
 Baber, J. Albert (L. 2).....Los Angeles
 Bacheller, R. D. (D. 4).....Los Angeles
 Backer, Fred P. (L. 3).....Los Angeles
 Baddour, Joseph S. (L. 1).....Los Angeles
 Bagshawe, E. N. (C. Sp.).....Los Angeles
 Baiano, Salvi J. (L.A. 1).....Los Angeles
 Bailey, Eleanor C. (L.A. 1).....Los Angeles
 Bailey, F. S. (C. Sp.).....Los Angeles
 Bailey, Gillette H. (L.A. 1).....Monrovia
 Bailey, H. Morle (L.A. 3).....Lisbon, Ia.
 Bailey, James K. (L.A. 1).....Van Nuys
 Bailiff, Eula C. (L.A. 1).....Bakersfield
 Baird, Earl Gordon (Mathematics, Gr.).....Los Angeles
 A.B., Greenville College, 1916.
 Baker, Alfred D. (L.A. 2).....Los Angeles
 Baker, C. E. (C. Sp.).....Los Angeles
 Baker, Cora L. (L.A. 4).....Los Angeles
 Baker, Earl (C. Sp.).....Los Angeles
 Baker, Ellen E. (L.A. 1).....Los Angeles
 Baker, Gladys M. (L.A. 2).....Los Angeles
 Baker, Harold Eugene (Sociology, Gr.).....Huntington Park
 A.B., Southern California, Feb., 1922.
 Baker, H. R. (D. 3).....Pomona
 Baker, Lambert J. (L.A. 4).....Lintore, Ind.
 Baker, Laurel Boyd (Economics A.M.).....Huntington Park
 A.B., Southern California, Feb., 1922.
 Baker, Lissa (L.A. 1).....Holtville
 Baker, Roy (C. 1).....Long Beach
 Baker, Sylvia (L.A. 1; S. Sp.).....Fallbrook
 Baker, William Dale (L. 3).....Glendale
 Baker, William P., Jr. (M. Sp.).....Los Angeles
 Bakerman, Phil K. (D. 1).....Los Angeles
 Balcom, Jessie D. (L.A. 2).....Santa Paula
 Balcom, Loreita M. (L.A. 1).....Santa Paula
 Baldwin, Helen (L.A. Sp.).....Los Angeles
 Baldwin, John C. (L.A. 1).....Los Angeles
 Balkum, James W. (L. 1).....Los Angeles
 Ball, Marjorie (M. Sp.).....Los Angeles
 Ballagh, A. Scott (C. Sp.).....Los Angeles
 Baller, Edith G. (L. A. 4).....Los Angeles
 Balovich, Mary (M. Sp.).....Los Angeles
 Balthasar, Qua (L. 1).....Los Angeles
 Balyeat, Frederick S. (L.A. Sp.).....Phoenix, Ariz.
 Banford, Lewis (C. 1).....Inglewood
 Bangsund, Jennie K. (L.A. 4).....Astoria, Ore.
 Banks, Florence (C. Sp.).....Los Angeles
 Banks, J. (C. Sp.).....Los Angeles
 Banks, J. J. (C. Sp.).....Los Angeles
 Banks, Lionel C. (L.A. 2).....Los Angeles
 Banta, Pearl Z. (L.A., S. Sp.).....Los Angeles
 Barber, Alma Louise (Sociology, A.M.).....Colorado Springs, Colo.
 A.B., Goucher College, 1918.
 Barber, Walter (C. Sp.).....Los Angeles
 Barber, Wm. S. (L.A. 2; S. Sp.).....Los Angeles
 Barck, A. W. (D. 3).....Los Angeles
 Barclay, George (C. Sp.).....Huntington Park
 Barcome, John S. (C. 1).....Los Angeles
 Barcus, H. W. (C. Sp.).....Los Angeles
 Barentt, Gabriel (L. 1).....Riverside
 Barker, Merwyn A. (L.A. 1).....Alhambra
 Barker, Russell A. (L. 3).....Los Angeles
 Barkstrom, E. C. (C. Sp.).....Los Angeles
 Barnard, Clarice (L.A. Sp.).....Los Angeles
 Barnes, Alfred O. (L.A. Sp; P. 3).....Gardena
 Barnes, C. S. (C. Sp.).....Los Angeles
 Barnes, Edna (M. Sp.).....Los Angeles
 Barnes, Miss F. H. (D. 2).....Long Beach
 Barnes, Gladys G. (L.A. 4).....Compton
 Barnes, John G. (L. 2).....Los Angeles
 Barnes, Pauline (M. Sp.).....Los Angeles
 Barnett, Gabriel (L.A. 1).....Los Angeles
 Barnett, Maybell (C. Sp.).....Los Angeles
 Barnett, Rena (L.A. Sp.).....Los Angeles
 Barnhart, John M. (L.A. Sp.).....Alhambra
 Barnhart, Mrs. J. M. (L.A. Sp.).....Alhambra
 Barnum, Charles F. (L.A. Sp.).....Burbank
 Barrett, Jas. T. (C. Sp.).....Los Angeles
 Barron, Mary (M. Sp.).....San Diego
 Barrow, Richard S. (L.A. 2).....Los Angeles

- Barry, Marshall J. (L.A. Sp.)..... Los Angeles
 Barsha, H. F. (D. 3)..... Los Angeles
 Barshetsky, Morris (L.A. Sp.)..... Los Angeles
 Barsot, Marguerite (L.A. 3)..... Los Angeles
 Bartel, Clyde G. (L. 1)..... San Diego
 Bartels, Donald L. (L.A. 4)..... Downey
 Bartlett, Claire L. (L. 1)..... Los Angeles
 Bartlett, Mrs. Emma (M. Sp.)..... Los Angeles
 Bartlett, Erlin (M. Sp.)..... Lawndale
 Barton, Katherine R. (L.A. Sp.)..... Escalon
 Barton, Mabel Grace (L.A. S. Sp.)..... Escalon
 Barton, Merritt G. (L.A. 2)..... San Bernardino
 Bass, Ethel M. (C. Sp.)..... Los Angeles
 Bassett, R. W. (D. 3)..... Los Angeles
 Bates, Adele (L.A. 2)..... Los Angeles
 Bates, Elizabeth (L.A. Sp.)..... Los Angeles
 Battson, L. M. (C. Sp.)..... Los Angeles
 Baugh, Ruth (M. Sp.)..... Los Angeles
 Baughman, Mildred (L.A. 1)..... Covina
 Bay, Max W. (L.A. 3)..... Arcadia
 Baymiller, Geo. K. (D. 1)..... Huntington Park
 Bealey, William (C. 2)..... Ontario
 Beals, Roy B. (L.A. 1)..... Pasadena
 Beaman, A. M. (C. Sp.)..... Los Angeles
 Beamish, Margaret A. (L.A. Sp.)..... Ocean Park
 Beane, Samuel M. (L.A. 3)..... Los Angeles
 Beardall, Sylvia (M. Sp.)..... Los Angeles
 Beardslee, Claude Gillette (Philosophy, A.M.)..... Los Angeles
 A.B., Yale University, 1909.
 Beason, Lewis H. (L.A. 1)..... Los Angeles
 Beatson, Mrs. Frances (M. Sp.)..... Los Angeles
 Beazley, W. A. (D. 2)..... Los Angeles
 Beck, George M. (L. 2)..... Los Angeles
 Becker, Evelyn (M. Sp.)..... Los Angeles
 Becker, J. E. (D. 1)..... Covina
 Becker, John G. (L.A. 2)..... Long Beach
 Becker, Raymond M. (L. 2)..... Los Angeles
 Beckes, Fred (L.A. 4)..... Wasco
 Beckley, Eugene M. (L.A. 1)..... Los Angeles
 Beckman, J. R. (C. 1)..... Los Angeles
 Beckwith, Marian (L.A., M. Sp.)..... Santa Monica
 Becton, Joseph D. (L.A. Sp.)..... Greenville, Texas
 Bednarz, W. (C. Sp.)..... Los Angeles
 Beebe, R. L. (D. 4)..... Los Angeles
 Beecher, Wm. C. (L.A. 3)..... Van Nuys
 Beers, Louise W. (L.A. Sp.)..... Los Angeles
 Beery, Ben S. (L. 3)..... San Diego
 Beggs, A. Franklin (L.A. Sp.)..... Cypress, Ill.
 Behnke, Clara (C. Sp.)..... Los Angeles
 Behnke, Ruth (C. Sp.)..... Los Angeles
 Belanger, J. (P. 2)..... Long Beach
 Belcher, Ruth (L.A. 2)..... Pomona
 Belden, Joy (L.A. 1)..... Lewiston, Mont.
 Belford, Helen (L.A. 1)..... Pasadena
 Bell, Donald M. (L.A. 1)..... Pasadena
 Bell, Geo. C. (C. Sp.)..... Los Angeles
 Bell, H. A. (D. 2)..... Los Angeles
 Bell, Ivan K. (L.A. 1)..... Los Angeles
 Bell, Joe S. (L.A. 3)..... Los Angeles
 Bell, Ralph J. (L.A. 4)..... Los Angeles
 Bell, Raymond (L.A. 2)..... Los Angeles
 Bell, Robert C. (L.A. 3)..... Riverside
 Bell, Ross (C. 1)..... Los Angeles
 Bellinger, Hart (L. 1)..... Monrovia
 Bender, John H. (L.A. Sp.)..... Glendale
 Benham, Sara Maude (L.A. 4 and S.)..... Cisco, Texas
 Benjamin, Matilde P. (L.A. 3)..... Los Angeles
 Benjamin, W. J. (C. Sp.)..... Los Angeles
 Bennethum, Georgia (L.A.; S. 1)..... Los Angeles
 Bennett, Bess (M. Sp.)..... Los Angeles
 Bennett, Catharine (L.A. 1)..... San Diego
 Bennett, Milton (M. Sp.)..... Los Angeles
 Benning, Margaret S. (L.A. 2)..... Los Angeles
 Bennion, L. (D. 1)..... Salt Lake City
 Bennison, Albert R. (L. 2)..... Los Angeles
 Benoist, Juanita M. (L.A., M. Sp.)..... Los Angeles
 Benson, Grant L. (P. 1)..... Rexburg, Idaho
 Benson, Harold R. (P. 1)..... Los Angeles
 Benwell, Burton (C., M. Sp.)..... Long Beach
 Berg, Bertha C. (L.A. 3)..... Pomona
 Berg, Lucille H. (L.A. 3)..... Los Angeles
 Bergman, Richard (M. Sp.)..... Los Angeles
 Bergman, S. E. (D. 2)..... Los Angeles
 Berk, H. R. (C. Sp.)..... Los Angeles
 Bernard, J. (C. Sp.)..... Los Angeles
 Bernard, Norman K. (L.A. 1)..... Long Beach
 Bernard, Pearl (M. Sp.)..... Oros
 Berniker, David (L.A. 3)..... Los Angeles
 Bernstein, Dave (L.A. 1)..... Los Angeles
 Bernstein, David (L. 1)..... Los Angeles
 Berry, Ethel (L.A. Sp.)..... Maricopa
 Berry, Edward D. (L.A. 2)..... Los Angeles
 Berry, Henriette Miller (English, Gr.)..... Lexington, Mo.
 A.B., Denver University, 1911.
 Bethune, Monna (History, H.S.)..... Inglewood
 A.B., Southern California, February, 1922.
 Betts, Esther (L.A. 4)..... Los Angeles
 Betts, F. W. (D. 1)..... Glendale, Ariz.
 Betts, Harlan (C. 3)..... Los Angeles
 Betts, I. G. (C. Sp.)..... Los Angeles
 Beven, Frances M. (L.A. 1)..... Escondido
 Bewick, Vena (M. Sp.)..... Los Angeles
 Beyer, Lorraine Beth (L. 3)..... Los Angeles
 Beynon, Kathyne (L.A. 2)..... Los Angeles

- Beynon, LeQuay (L.A. 3)...Walnut Park
 Bezoier, Nellie E. (L.A. Sp.).....
Long Beach
 Biehl, Rose (L.A. Sp.).....Los Angeles
 Bierman, Anton O. (Chemistry, A.M.)
Whittier
 A.B., Southern California, Febru-
 ary, 1922.
 Biggs, Bertha (L.A. Sp.).....Los Angeles
 Biggs, Leonard R. (L.A. 3).....Parlier
 Bilbrew, Mrs. A. C. (M. Sp.).....
Los Angeles
 Bingham, Jack W. (C. 2).....S. Pasadena
 Bird, Eunice (L.A. 1).....Los Angeles
 Bird, Richard T. (L. 1).....Los Angeles
 Bischoff, Florence M. (L. 3) Los Angeles
 Bissell, George A. (L.A. 1).....Pasadena
 Bissiri, A. (D. 4).....Los Angeles
 Black, Archie R. (L.A. 1).....Lindsay
 Black, Freeman C. (L.A. 2).....Stockton
 Black, Gladys H. (L.A. 4).....Torrance
 Black, Hester M. (L.A. 1).....Torrance
 Black, Lois M. (L.A. Sp.).....Pasadena
 Black, Stephen (C. 4).....Los Angeles
 Blackburn, Earl (C. Sp.).....Long Beach
 Blackburn, Robert R. (L.A. 2).....Glendale
 Blacker, Eva (L.A. 4).....Los Angeles
 Blackinton, F. S. (D. 3).....Los Angeles
 Blackman, Dorothy (D. 1).....Los Angeles
 Blackman, Frankye (C. Sp.).....
Los Angeles
 Blair, Aldine (C. Sp.).....Los Angeles
 Blair, Erwin (C. 3).....Long Beach
 Balock, Forrest F. (L.A. 3, L. 1).....
Los Angeles
 Blanchard, Frances (L.A. Sp.).....
Lewiston, Mont.
 Blanford, Albert T. (L.A. 2).....Glendale
 Blankenbeker, Frank (C. 1) Los Angeles
 Blasier, Herbert E. (L.A. 4) Los Angeles
 Bledsoe, E. V. (C. 4).....Los Angeles
 Blenkiron, Mathew (C. 1) Willowbrook
 Block, L. M. (D. 1).....Los Angeles
 Block, Wm. H. (C. Sp.).....Los Angeles
 Blood, Florence A. (L.A. 1).....La Verne
 Bloom, L. A. (C. Sp.).....Los Angeles
 Bluemle, Anna E. (L.A. 2).....Los Angeles
 Boatner, Alleen M. (L.A. 4).....Calxico
 Bobbitt, Hazel (L.A. 1).....Los Angeles
 Bodley, Ellison Wilhelmina (Religious
 Educa., Gr.).....Palo Alto
 A.B., Stanford University, 1913.
 Boeck, George (C. 3).....Los Angeles
 Boehncke, Frieda C. (Sociology,
 H.S.).....Pasadena
 A.B., Southern California, Febru-
 ary, 1922.
 Boedeker, Myron (C. 2).....Los Angeles
 Boettger, Laura A. (L.A. Sp.).....
Whittier
 Boghosian, Boghos H. (L. 1).....Fresno
 Boice, Winchell (C. 1).....Long Beach
 Bokenkrager, Edith (M. Sp.).....
Los Angeles
 Bolin, Alice M. (L.A. 4).....
Hutchinson, Kans.

- Brady, Florence K. (L.A. 4) Los Angeles
 Brady, Heman G. (C. Sp.)
 University Pl., Neb.
 A.B., University of Nebraska, 1913.
 Branchflower, N. H. (D. 2) Los Angeles
 Brandt, Gladys L. (L.A. Sp.)
 Los Angeles
 Bravender, H. R. (C. Sp.) Los Angeles
 Brawley, J. P. (R. Sp.) Los Angeles
 Bray, Aubrey O. (L. 3) Norwood, Ga.
 Brayman, Mrs. Ida (M. Sp.)
 Los Angeles
 Brayton, William H. (L. 1) Long Beach
 Breeden, R. M. (C. Sp.) Los Angeles
 Breedlove, Charles W. (L. 1) Venice
 Breene, Edward N. (L. 1) Los Angeles
 Breitkreutz, Mamie C. (Latin H.S.) ..
 Pasadena
 A.B., Southern California, 1906.
 Brelin, A. (C. Sp.) Los Angeles
 Bremer, W. L. (C. Sp.) Los Angeles
 Bremner, H. J. (C. Sp.) Los Angeles
 Breniman, Hortense (L.A. Sp.)
 Los Angeles
 Brennan, Bernard C. (L.A. 3)
 Los Angeles
 Brennan, Raymond L. (L.A. 1)
 Los Angeles
 Brent, W. L. (C. Sp.) Los Angeles
 Brentner, Lucille (L.A. S. Sp.)
 Carpinteria
 Brett, Eugene (C. 2) Fresno
 Brewer, James V. (L. 2) St. Louis, Mo.
 Brewster, Mrs. Florence (M. Sp.)
 Los Angeles
 Breylinger, Fred (C. 1) Los Angeles
 Brice, William O. (L. 1) Los Angeles
 Brickley, Harold T. (P. 1) Los Angeles
 Bridegroom, Howard D. (L.A. 2)
 Phillipsburg, Kans.
 Bridge, Martha (M. Sp.) Los Angeles
 Bridges, Mae D. (History H.S.)
 Pasadena
 A.B., Southern California, February, 1922.
 Bridgman, Glenn E. (L.A. 1)
 Jacksonville, Ill.
 Briggs, Clarence R. (Education A.M. H.S.)
 San Pedro
 A.B., University of Kansas, 1905.
 Briggs, Coyle (L.A. 1) Santa Ana
 Bright, Miller A. (L. 1) Los Angeles
 Bright, Robert A. (L.A. Sp. L. 1)
 Los Angeles
 Brinkerhoff, David E. (L.A. 3)
 Los Angeles
 Brinkerhoff, Laurel (L.A. 1)
 Los Angeles
 Briscoe, James W. (L.A. Sp. L. 2) ..
 Los Angeles
 Brittan, Melville G. (L. 3) Los Angeles
 Britto, Ethel (L.A. 4) Los Angeles
 Britton, B. L. (C. Sp.) Los Angeles
 Broadbelt, Robert B. (L.A. 2)
 Highland
 Broadwell, Helen (L.A. M. Sp.) Covina
 Broadwell, Robert A. (L.A. 3) Covina
 Brockett, Helen T. (L.A. 3)
 Los Angeles
 Brockman, W. E. (C. Sp.) Los Angeles
 Brode, Alverda J. (History A.M.)
 Los Angeles
 A.B., Southern California, 1911.
 Broderick, Edward R. (C. Sp.)
 Cashmere, Wash.
 Brodie, R. W. (D. 3) San Francisco
 Brommers, Wilhelmina M. (L.A. Sp.)
 Los Angeles
 Bronaugh, John G. (L.A. 1)
 Los Angeles
 Brooks, Byron (M. Sp.) Los Angeles
 Brooks, Harlan U. (D. 1) Santa Barbara
 Brooks, Ila B. (L.A. 3) Los Angeles
 Brooks, Lon A. (L. 3) Los Angeles
 Brooks, Merle (M. Sp.) Los Angeles
 Brooks, Raymond (P. 1) Los Angeles
 Brooks, Sterling (C. Sp.) Los Angeles
 Brossy, Frederic A. (L.A. 3)
 Detroit, Mich.
 Brothers, Victor R. (L.A. Sp.)
 Los Angeles
 Brough, Harry W. (L.A. 1) Los Angeles
 Brough, N. (D. 2) Nephi, Utah
 Brown, Aileen J. (L.A. 1)
 Wenatchee, Wash.
 Brown, Arthur M. (L.A. Sp.) Pasadena
 Brown, Betty (History A.M. H.S.)
 Los Angeles
 A.B., Denver University, 1917.
 Brown, Betty N. (L.A. Sp.) Los Angeles
 Brown, B. Ellsworth (L.A. Sp. L. 1)
 Dubuque, Ia.
 Brown, Claire (M. Sp.) Redondo
 Brown, C. S. (D. 2) Los Angeles
 Brown, D. J. (D. 4) Los Angeles
 Brown, Earl T. (Physics A.M.)
 Los Angeles
 A.B., Southern California, 1916.
 Brown, Etta I. (English H.S.)
 Los Angeles
 A.B., Southern California, 1921.
 Brown, E. M. (C. Sp.) Los Angeles
 Brown, George E. (L.A. Sp.)
 Los Angeles
 Brown, Harry (C. 3) Los Angeles
 Brown, Hazel (L.A. 3) Selm
 Brown, Homer (P. 1) Los Angeles
 Brown, Karl (C. 2) Edmonton, Albert
 Brown, Lorraine (C. 4) Los Angeles
 Brown, L. C. (D. 2) Alhambra
 Brown, Mabel E. (L.A. 3)
 San Fernando
 Brown, Margaret W. (L.A. 1)
 Los Angeles
 Brown, Paloma (M. Sp.) Los Angeles
 Brown, R. N. (D. 3) Springville, Uta
 Brown, Walter (C. 1) Phoenix, Ari
 Brown, W. F. (D. 4) Eaglevil
 Brown, William G. (L. 2) Pasader
 Brown, William R. (L.A. 1)
 Los Angeles
 Browne, Elsie O. (C. Sp.) Los Angeles

- Brownfield, Samuel S. (M. Sp.)..... Los Angeles
Brownson, Henry N. (D. 1)..... Dubuque, Ia.
Broxson, Paul O. (L. 3)..... Monrovia
Brubaker, H. A. (R. Sp.)..... Los Angeles
Brubaker, Nicholas J. (L.A. Sp.)..... Los Angeles
Brubaker, Veda (L.A. 3)..... Pasadena
Bruce, Henry (C. Sp.)..... Los Angeles
Bruce, Lois (M. Sp.)..... Los Angeles
Bruce, Miriam (M. Sp.)..... Los Angeles
Bruce, Robert (L. 3)..... Los Angeles
Bruner, Guy A. (C. 1)..... Los Angeles
Bruns, Paul H. (L.A. 4; L. 3)..... Santa Ana
Bruns, Walter E. (L. 3)..... Oakland
Brunswick, John M. (L.A. 4)..... San Francisco
Bruschi, D. J. (D. 4)..... San Diego
Bryant, Bertram (C. 2)..... Los Angeles
Bryant, Florence (M. Sp.)..... Los Angeles
Bryant, Howell C. (L.A. 1)..... Los Angeles
Bryant, Mildred (L.A. 2)..... Long Beach
Bryner, Ruby (L.A. 3)..... St. George, Utah
Bucholz, Arden K. (L.A. 1)..... Los Angeles
Buck, Carrick H. (L. 3)..... Los Angeles
Buck, Eva R. (L.A. 3)..... Big Creek
Buck, Orville R. (L.A. 2)..... Los Angeles
Buckingham, Edna E. (L.A. 3)..... Lund, Utah
Buckley, Frederic S. (L. 2)..... Los Angeles
Buckman, Marion G. (L.A. 2)..... Los Angeles
Buckner, Nannie (L.A. 3)..... Ventura
Budway, Louis (L. 2)..... Huntington Park
Buenaventuram, Teodosic (L. 3)..... Los Angeles
Buffum, Loreen (L.A. 2 M. Sp.)..... Long Beach
Bullock, Frederick W. (Botany A.M.)..... San Pedro
A.B., Southern California, 1920.
Bulman, Francis G. (L.A. Sp.)..... Los Angeles
Bunn, Thomas S. (L. 2)..... Albuquerque, N.M.
Burckhard, Loraine (L. 2)..... Los Angeles
Burd, David C. (L.A. Sp.)..... Los Angeles
Burge, Helen (C. 2)..... Caruthers
Burgess, Donna M. (L.A. 2)..... Porterville
Burgess, S. K. (C. Sp.)..... Los Angeles
Burgess, Viola (M. Sp.)..... Los Angeles
Burke, Madeline (M. Sp.)..... Los Angeles
Burke, Wm. F. (L. 2)..... Los Angeles
Burkholder, Lutie (M. Sp.)..... Los Angeles
Burkowitz, Dorothy (M. Sp.)..... Los Angeles
Burn, James B. (Math. Gr.)..... Society Hill, S. C.
A.B., University of South Carolina, 1920.
Burnand, Kathryn A. (L.A. Sp.)..... Los Angeles
Burnett, C. H. (C. Sp.)..... Los Angeles
Burney, Benjamin S. (C. S. Sp.)..... Portland, Ore.
Burnham, Mary E. (L.A. Sp.)..... Los Angeles
Burnham, Ruth (L.A. 1)..... Lancaster
Burns, Ardis (L.A. 3)..... Los Angeles
Burns, Daisy M. (L.A. Sp.)..... Los Angeles
Burns, Julia C. (L.A. Sp.)..... Long Beach
Burns, Kenneth H. (L. 2)..... Tockney, Tex.
Burr, Clifford F. (L. 3)..... Los Angeles
Burr, Holland F. (Religious Edu. Gr.)..... Los Angeles
A.B., Pomona College, 1914.
Burr, Julia E. (L.A. 3)..... Los Angeles
Burris, Margaret J. (History Gr.)..... Huntington Park
A.B., Southern California, 1921.
Burroughs, Ardis N. (L.A. 4)..... Los Angeles
Burson, Sara L. (L.A. 4)..... Fillmore
Burt, Camille (History AM. HS.)..... Los Angeles
A.B., University of Texas, 1911.
Burton, Anna Louise (M. Sp.)..... Los Angeles
Burton, Lois R. (English A.M.)..... Los Angeles
A.B., Southern California, 1917.
Burton, Sarah (L.A. 1)..... Mobile, Ala.
Burwell, Joseph (C. Sp.)..... Los Angeles
Busby, Marquis (L.A. 2)..... Los Angeles
Buschmeyer, Fred (L.A. 2)..... Los Angeles
Bush, Eli F. (L. Sp.)..... Los Angeles
Bush, Mrs. L. M. (S. Sp.)..... Los Angeles
Bush, R. W. (L.A. 3)..... Los Angeles
Bushnell, Beatrice L. (L.A. 4)..... Fullerton
Bushnell, Mary (L.A. Sp.)..... Los Angeles
Bushnell, Rose J. (L.A. Sp.)..... Los Angeles
Bushow, Helen F. (L.A. 1)..... Los Angeles
Butscher, Wm. W. (L.A. 2 M. Sp.)..... Los Angeles
Butterfield, Albert E. (L.A. 4)..... Chino
Butterfield, Florence E. (L.A. 3)..... Chino
Butterfield, Nellie M. (L.A. 4)..... Chino
Butters, J. Edwin (D. 1)..... Los Angeles
Byers, Maxine M. (L.A. 1)..... Los Angeles
Byers, Ruth (Economics Gr.)..... Los Angeles
A.B., University of Wisconsin, 1921.
Byerts, Nettie (L.A. 3)..... Redondo Beach
Byrkit, Margaret (L.A. 2)..... Los Angeles
Byrne, B. W. (C. Sp.)..... Los Angeles
Byrne, C. A. (D. 3)..... Selma
Bysshe, Ernest W. (L.A. 1)..... Los Angeles
Cadwallader, Lucile (L. 3)..... Long Beach
Cagle, Wana L. (L.A. 1)..... Norwalk
Cairncross, Stanley E. (L.A. 1)..... Los Angeles
Caldwell, Duncan K. (L.A. Sp.)..... Turlock

- Caldwell, Katherine (Home Econom. Gr.).....Artesia
A.B., University of Nebraska, 1910.
Caldwell, Laura A. (L.A. 1).....Los Angeles
Calhoun, Thomas F. (L. 1).....Pittsburg, Kans.
Calkins, Mrs. Gertrude (M. Sp.).....Los Angeles
Call, Joseph (L.A. S. 1).....Los Angeles
Callahan, Agatha (L.A. 4).....Los Angeles
Calland, Chas. H. (C. Sp.).....Los Angeles
Calland, Leo B. (L.A. 3).....Portland, Ore.
Calloway, Josephine (M. Sp.).....Los Angeles
Calumpang, Miguel (C. 3).....Tanjay, Negres, P. I.
Camblos, Sara L. (L. 1).....Los Angeles
Camden, Louis F. (L.A. Sp.).....Joplin, Mo.
Camp, Gladys (L.A. 1).....Altadena
Camp, Irwin W. (L.A. 1).....Los Angeles
Campbell, Arthur M. (D. 1).....Glendale
Campbell, Constance L. (L.A. Sp.).....Los Angeles
Campbell, D. H. (C. Sp.).....Los Angeles
Campbell, Gordon (C. 4).....Duluth, Minn.
Campbell, G. T. (C. Sp.).....Los Angeles
Campbell, Helen (L.A. 3).....Los Angeles
Campbell, Irving (C. 3).....Los Angeles
Campbell, Jack (L.A. 1).....Alhambra
Campbell, Kenneth E. (C. 4).....Los Angeles
Campbell, Jennie (L.A. 4).....Van Nuys
Campbell, Joseph R. (L. 1).....Los Angeles
Campbell, Marion Y. (L.A. 2).....Los Angeles
Campbell, Neil H. (L.A. Sp.).....Los Angeles
Campbell, Ralph (L.A. 1).....Wapata, Wash.
Campbell, Robert E. (L.A. Sp.).....Los Angeles
Campbell, W. Ross (C. Sp.).....Los Angeles
Caneer, Eunice (L.A. 3).....Los Angeles
Caneer, Vernice (L.A. 1).....Los Angeles
Canniff, Edith A. (L.A. Sp.).....Pasadena
Cannon, Florence A. (L.A. 1).....Pomona
Cannon, R. L. (C. Sp.).....Los Angeles
Cantelo, H. W. (C. Sp.).....Los Angeles
Cantillon, Richard (L. 2).....Los Angeles
Capito, E. Ruth (L.A. 4).....Los Angeles
Caradino, E. J. (C. Sp.).....Los Angeles
Carbinier, C. F. (D. 1).....Los Angeles
Cardwell, Day G. (L. 1).....Los Angeles
Carey, J. G. (C. Sp.).....Los Angeles
Carl, A. A. (L. 3).....Los Angeles
Carlquist, Alice M. (L.A. 1).....Los Angeles
Carlquist, Ethel (L.A. 1).....Los Angeles
Carlquist, Eva E. (Botany A.M. H.S.).....Los Angeles
A.B., Southern California, 1921.
Carlquist, Robert W. (L.A. 4).....Los Angeles
Carpenter, John W. (C. Sp.).....Los Angeles
Carpenter, Hector J. (P. 1).....Houlton, Me.
Carrey, Robert P. (L.A. Sp. I. 3).....Pomona
Carriel, Cruse (L.A. Sp.).....Los Angeles
Carroll, Chas. P. (L.A. 3).....Los Angeles
Carroll, Julia E. (History Gr.).....Los Angeles
A.B., University of California, 1921.
Carroll, Mary I. (M. Sp.).....Los Angeles
Carroll, William A. (L.A. 4).....Los Angeles
Carter, Cyril G. (L.A. 1).....Los Angeles
Carter, J. E. (C. Sp.).....Los Angeles
Carter, Lawrence D. (L. Sp.).....Los Angeles
Carter, Ruth M. (M. Sp.).....Clovis
Carter, William (M. Sp.).....Glendale
Cashin, Harold J. (L. 3).....Los Angeles
Cashin, Margaret (L.A. 3).....Manhattan Beach
Casiano, Angel P. (L. 3).....Los Angeles
Casiano, Carlos P. (L. 1).....Los Angeles
Casler, Ruth H. (M. Sp.).....Los Angeles
Cass, Alfred (L.A. 2).....Monrovia
Cass, Mollie (L.A. 2).....Monrovia
Cassaday, Mrs. D. L. (L.A. Sp.).....Los Angeles
Cassill, H. Curtis (C. 4).....Los Angeles
Castillo, Esther (M. Sp.).....Los Angeles
Castro, Pablo D. (L. 2).....Los Angeles
Cate, Alfred E. (L. 1).....Earlmarl
Cate, H. C. (D. 2).....Phoenix, Ariz.
Cattaneo, Everett (C. 2).....Porterville
Cattell, Frances M. (L.A. 3).....Los Angeles
Cattell, J. A. (C. Sp.).....Los Angeles
Cattell, Katherine (L.A. 1).....Los Angeles
Caul, Donald B. (P. 1).....Santa Ana
Cavey, Miss (C. Sp.).....Los Angeles
Cecil, Jeanette M. (L.A. 1).....Denver, Colo.
Chabre, Gus (C. 1).....Los Angeles
Chaffee, Howard D. (L.A. 1).....Ventura
Chamberlin, Burt C. (L.A. 4).....Los Angeles
Chamberlin, John M. (L.A. 3).....Los Angeles
Chamley, O. D. (D. 4).....San Gabriel
Chan, Eleanor R. (L.A. 1).....Los Angeles
Chan, Elizabeth (L.A. 4).....Los Angeles
Chandler, Jessie M. (L.A. Sp.).....Los Angeles
Chaney, Harold O. (L.A. 1).....Pasadena
Chavez, Harry (C. Sp.).....Los Angeles
Chang, C. Lee (Chemistry Gr.).....Los Angeles
B.S., National University of Peking 1921.
Chang, Joseph (D. 1).....Honolulu, T. H.
Chang, Ming (L.A. 1).....Hangchow, China
Chanslor, Ruby M. (L.A. 4).....Riverside

- Chapin, Alice (Education Gr.).....
 Eden, Mich.
 B.S., University of Pennsylvania,
 1916.
- Chapin, Raphael T. (L. 2).....Los Angeles
- Chapman, Alfred S., Jr. (L. 1).....
 Los Angeles
- Chapman, Clarke (L.A. Sp.).....
 Los Angeles
- Chapman, Grant (L. 1).....Covina
- Chapman, Joe (L.A. 3).....Los Angeles
- Chapman, Marguerite C. (L.A. 4).....
 Santa Rosa
- Chapman, Olive (L.A. Sp.).....Pasadena
- Charleville, J. (C. Sp.).....Los Angeles
- Charlson, D. Ellsworth (Sociology
 Gr.).....Los Angeles
 A.B., Southern California, 1920.
- Charlson, Mildred (M. Sp.).....El Monte
- Chase, Florence (Zoology Gr.).....
 Los Angeles
 A.B., Southern California, 1919.
- Chase, Gladys (Biology Gr.) Los Angeles
 A.B., Southern California, 1919.
- Chase, Harry W. (L. 3).....Glendale
- Chase, H. L. (C. Sp.).....Los Angeles
- Chatham, B. Burton (P. 1).....Long Beach
- Chatterton, Eleanor (L.A. 1).....
 Los Angeles
- Cheek, E. Alice (L.A. 4).....Santa Monica
- Chemberlen, Frederick T. (L.A. 4).....
 Covina
- Cheney, Joyce (S. 3).....Creighton, Neb.
- Cheney, Ruth J. (L.A. 3).....
 Creighton, Neb.
- Chenot, Paul F. (L.A. Sp.).....Los Angeles
- Cherry, Eleanor (M. Sp.).....Los Angeles
- Chertkow, Rhe (M. Sp.).....Los Angeles
- Chesney, A. P. (C. Sp.).....Los Angeles
- Chew, Ben (C. 3).....Los Angeles
- Chew, Mrs. Iva S. (M. Sp.).....
 Los Angeles
- Chiarano, J. D. (S. Sp.).....
 Philadelphia, Pa.
- Chiesa, Mark V. (L. 1).....Los Angeles
- Chiroano, Joseph (C. Sp.).....Los Angeles
- Chippis, Nelle B. (L.A. 3).....Los Angeles
- Chittenden, C. R. (C. Sp.).....Los Angeles
- Chono, M. (L.A. Sp.).....Japan
- Chook, C. (D. 2).....Los Angeles
- Chotiner, Jack A. (L.A. 1 S. 1).....
 Los Angeles
- Christal, J. E. (C. Sp.).....Los Angeles
- Christensen, Helmer (C. Sp.).....
 Hudson, Wis.
- Christian, Carleton (C. Sp.).....
 Los Angeles
- Christy, Ethel G. (L.A. 2).....Los Angeles
- Church, Alice M. (C. Sp.).....Los Angeles
- Churchill, Paul K. (L.A. Sp.).....
 Santa Paula
- City, R. J. (C. Sp.).....Los Angeles
- Clabern, Clara (L.A. 2).....Oxnard
- Clair, Donald H. (P. 1).....Goldfield, Nev.
- Claire, Guy S. (L.A. 3).....
 Philadelphia, Pa.
- Clampett, C. P. (D. 2).....Imperial
- Clancy, Josephine (L.A. 2).....Los Angeles
- Clare, Montrose (L.A. 1).....San Diego
- Clarey, H. Donald (L.A. Sp.).....
 Los Angeles
- Clarey, Margaret M. (L.A. 2).....
 Inglewood
- Clark, A. J. (D. 1).....Los Angeles
- Clark, Alta T. (L.A. Sp.).....Los Angeles
- Clark, Darwin (C. 1).....Los Angeles
- Clark, David (L. 3).....Los Angeles
- Clark, Dorothy E. (L.A. 1).....Los Angeles
- Clark, Dorothy E. (S. 3).....Los Angeles
- Clark, Ed. W. (C. Sp.).....Los Angeles
- Clark, Emily E. (L.A. 4).....Los Angeles
- Clark, Genevieve W. (Education Gr.).....
 Omaha, Neb.
 A.B., University of Michigan, 1904;
 A.M., 1920.
- Clark, H. M. (L.A. Sp.).....Seattle, Wash.
- Clark, Lewis (L. 1).....
 Salt Lake City, Utah
- Clark, Lucille M. (L.A. Sp.).....
 Los Angeles
- Clark, Marjorie (L.A. 1).....Los Angeles
- Clark, Martha A. (L.A. Sp.).....
 Los Angeles
- Clark, P. W. (C. Sp.).....Los Angeles
- Clark, Theodosia M. (L.A. 4).....
 Los Angeles
- Clark, Vernon (C. Sp.).....Los Angeles
- Clarke, Buchanan C. (L.A. Sp.).....
 Los Angeles
- Clarke, F. W. (D. 2).....Riverside
- Clarke, V. R. (C. Sp.).....Los Angeles
- Clausen, Mabel (L. 1).....Los Angeles
- Clay, Jennie T. (L.A. Sp.).....Los Angeles
- Clegg, P. A. (C. Sp.).....Los Angeles
- Clem, K. C. (D. 1).....Santa Ana
- Clemens, Joseph (R. Sp.).....Los Angeles
- Clemens, Mary S. (L.A. Sp.).....
 Los Angeles
- Clemensen, Florence M. (L.A. Sp.).....
 Mt. Pleasant, Vt.
- Clements, T. E. (D. 2).....Los Angeles
- Clendening, Lloyd E. (L.A. 2; L. 1).....
 Campbell
- Cleveland, Davis (C. 1).....Glendale
- Cleveland, Hazel E. (L.A. 4).....
 Boise, Ida.
- Clifton, Bacon L. (D. 1).....Los Angeles
- Climie, Betty M. (L.A. 4).....Los Angeles
- Clinton, Ralph (L. 1).....San Gabriel
- Clopine, R. H. (L.A. 2).....Los Angeles
- Clougherty, Joseph E. (L. 1).....
 Los Angeles
- Clubb, J. R. (C. Sp.).....Los Angeles
- Coale, F. Margaret (L.A. 1) Los Angeles
- Coate, Etta Reta (M. Sp. L.A. 1).....
 Anaheim
- Coates, Emma Ruth (L.A. 2).....Watts
- Coates, Reginald (L.A. 1).....Los Angeles
- Cobb, Clarence H. (L.A. 1).....Altadena
- Cobb, Mrs. Lois (M. Sp.).....Los Angeles
- Cobbs, Elizabeth E. (L.A. Sp.).....
 Los Angeles

- Coburn, L. H. (L.A. Sp.).....Long Beach
 Cocke, Cecil C. (L.A. 1).....Compton
 Cockfield, Robt. H. (L.A. 3).....
Los Angeles
 Coe, Alfred L. (L.A. Sp.).....
Fayetteville, N. Y.
 Coffey, J. B. (C. Sp.).....Los Angeles
 Coggeshall, Sarah L. (L.A. Sp.).....
San Gabriel
 Cohan, D. (D. 2).....Los Angeles
 Cohan, E. (P. 2).....Los Angeles
 Cohn, Ben (L.A. 1).....Los Angeles
 Colcord, Guard R. (L.A. 2).....Los Angeles
 Cole, Clarence (C. Sp.).....
E. Orange, N. J.
 Cole, Cornelia E. (L.A. 4).....Los Angeles
 Cole, Georgia (M. Sp.).....Los Angeles
 Cole, Gladys (M. Sp.).....Los Angeles
 Cole, John W. (L.A. 3).....Upland
 Cole, L. M. (C. Sp.).....Los Angeles
 Cole, Marguerite (M. Sp.).....Los Angeles
 Cole, Minnie D. (L.A. 4).....Los Angeles
 Cole, Ralph (C. 1).....Santa Ana
 Coleman, Worth (C. 4).....Los Angeles
 Colgrove, Alfred S. (L. 1).....Los Angeles
 Collim, Wm. A. (L.A. 1).....Los Angeles
 Collins, A. B. (L.A. 1).....Houston, Tex.
 Collins, Chas. D. (L. 3).....
Okmulgee, Okla.
 Collins, Chas. M. (C. 1).....Los Angeles
 Collins, Dudley (D. 1).....Los Angeles
 Collins, G. F. (D. 4).....Los Angeles
 Collins, Leonard F. (Educ. A.M.
 H.S.).....Burbank
 A.B., Southern California, Febru-
 ary, 1922.
 Collins, Louis N. (L.A. 3).....
Santa Fe, N. M.
 Collins, L. F. (C. Sp.).....Los Angeles
 Collins, Nellie (M. Sp.).....Los Angeles
 Collins, Paul F. (L. 2).....Los Angeles
 Collison, Marion (C. 2).....Los Angeles
 Collison, Martin (C. 3).....Los Angeles
 Colman, Henry F. (L. 1).....Los Angeles
 Colt, Florence A. (L.A. 3).....Los Angeles
 Colver, Dorothy N. (L. A. Sp.).....
Los Angeles
 Colwell, Pearl (History Gr.).....
Los Angeles
 A.B., Southern California, 1920.
 Colwell, Roland W. (L.A. 1).....
Los Angeles
 Comeau, H. A. (D. 1).....Los Angeles
 Comegys, C. W. (C. Sp.).....Los Angeles
 Compton, E. R. (C. Sp.).....Los Angeles
 Compton, Mrs. Henrietta (L.A. Sp.).....
Los Angeles
 Conant, F. W. (C. Sp.).....Los Angeles
 Conger, Chas. C. (L.A. 4).....Inglewood
 Conlan, Thomas (C. Sp.).....
Milwaukee, Wis.
 Conley, David J. (L.A. 4).....Riverside
 Conley, E. T. (L.A. Sp.).....Los Angeles
 Conley, F. J. (C. Sp.).....Los Angeles
 Conlin, Agnes (C. Sp.).....Los Angeles
 Connell, George (C. 2).....Palma
- Connelly, F. (C. Sp.).....Los Angeles
 Conrey, Justine C. (History H.S.).....
Los Angeles
 A.B., Southern California, 1921.
 Constans, Jules (L. 1).....Long Beach
 Conti, Roy (D. 1).....Los Angeles
 Contreras, Matthew (P. 1).....Imperial
 Convoy, Hugh J. (L.A. 1).....Pasadena
 Conway, Rosemary (M. Sp.).....
Los Angeles
 Cook, Beatrice (M. Sp.).....Pasadena
 Cook, Joseph M. (L.A. Sp.).....
Detroit, Mich.
 Cook, Marion V. (L.A. 4).....Pasadena
 Cook, Sylvester (L.A. 4).....Los Angeles
 Cooke, B. T. (C. Sp.).....Los Angeles
 Cooke, Leonore G. (Economics Gr.).....
Los Angeles
 A.B., Southern California, 1921.
 Cooke, Willard H. (L.A. 3).....Long Beach
 Cookman, Grace O. (M. Sp.).....
Los Angeles
 Cookson, W. H. (D. 2).....San Diego
 Cooney, Agnes C. (L.A. Sp.).....
Los Angeles
 Cooper, Bernice (M. Sp.).....Los Angeles
 Cooper, Helen Juene (C. 2).....Turlock
 Cooper, J. T. (C. Sp.).....Los Angeles
 Cooper, M. G. (C. Sp.).....Los Angeles
 Coover, Radnor (P. 1).....San Pedro
 Cope, Archie F. (L. 1).....Los Angeles
 Copeland, Arthur A. (L. 1).....Los Angeles
 Copeland, Elizabeth (M. Sp.).....Yucaipa
 Coppes, Marion (L.A. 1).....Los Angeles
 Coppock, Madeline (M. Sp.).....Whittier
 Cordes, A. E. (L.A. Sp.; M. Sp.).....
Upland
 Cordes, Ruth E. (L.A. 3).....Los Angeles
 Cordova, M. P. (C. Sp.).....Los Angeles
 Corin, Francis (D. 2).....Los Angeles
 Corkran, Milton (C. 1).....Los Angeles
 Corley, Blanche (C. Sp.).....Los Angeles
 Cornelson, Ida M. (L.A. 2).....Los Angeles
 Corrin, Philip (C. Sp.).....Los Angeles
 Corson, Norma (C. Sp.).....Los Angeles
 Cory, Oliver D. (L.A. 1).....Claremont
 Costello, Francis G. (L.A. Sp.).....
Los Angeles
 Cotting, Quincy (P. 1).....San Pedro
 Couch, F. M. (C. Sp.).....Los Angeles
 Coulson, Kenneth P. (D. 1).....Santa Ana
 Coulthard, Helen (L.A. 3).....Chino
 Courtney, F. H. (D. 2).....Los Angeles
 Covault, W. I. (C. Sp.).....Long Beach
 Covert, Frances E. (L.A. 3).....Long Beach
 Covey, Jules J. (L.A. 1).....Los Angeles
 Cowley, Raymond N. (L.A. 2).....
Los Angeles
 Cowlin, F. W. (C. Sp.).....Los Angeles
 Cox, Claude R. (C. Sp.).....Los Angeles
 Cox, G. (D. 1).....Los Angeles
 Cox, L. Carmen (L.A. 3).....
Huntington Park
 Coy, Howard W. (L.A. 2).....Los Angeles
 Cozine, Fannie D. (L.A. Sp.).....
Los Angeles

Cragin, J. Harold (L. 3).....Athens
 Craig, Catherine G. (L.A. 4).....Los Angeles
 Craig E. S. (C. Sp.).....Los Angeles
 Craig, Mrs. Mary S. (L.A. Sp.).....Venice
 Craig, Ruth (L.A. 2).....Upland
 Crail, Clifford D. (L. 1).....Los Angeles
 Crail, Gladys J. (L.A. 4).....Los Angeles
 Crandall, L. A. (D. 2).....Los Angeles
 Crane, H. Frances (L.A. 2).....Cummings, N. Dak.
 Crane, Walter B. (L.A. Sp.).....Los Angeles
 Crapuchettes, Eugene (L.A. 1).....San Francisco
 Crawford, Benjamin M. (L.A. Sp.).....Los Angeles
 Crawford, Herbert (C. 1).....Los Angeles
 Crawford, Jack (C. Sp.).....Los Angeles
 Crawford, Laura (English A.M.).....Los Angeles
 A.B., Pasadena University, 1914.
 Crawford, M. C. (D. 2).....Los Angeles
 Crawford, Mabel (Religious Educa. A.M.).....Szechuen, China
 Ph.B., Hamline University, 1905.
 Crawford, R. H. (L.A. 4).....Los Angeles
 Creswell, Walter (P. 1).....Winslow, Ariz.
 Crews, Charlie D. (L.A. 2).....Los Angeles
 Crist, Kenneth R. (L.A. 1).....Glendale
 Crist, Margaret (M. 3).....Los Angeles
 Crocker, Roy R. (L. 2).....Los Angeles
 Croke, Anna B. (History A.M. H.S.).....Whittier
 A.B., Southern California, 1921.
 Cronin, Jessie (L.A. Sp.).....Long Beach
 Cronin, John C. (L.2).....Los Angeles
 Croninger, Helen W. (L.A. Sp.).....Los Angeles
 Crop, Jeanette (L.A. 1).....Los Angeles
 Crosby, J. J. (C. Sp.).....Los Angeles
 Cross, E. H. (D. 1).....Los Angeles
 Cross, F. P. (D. 3).....Los Angeles
 Cross, Harold C. (L. 2).....Los Angeles
 Crouch, Evangeline W. (L.A. 1).....Long Beach
 Crouch, Kathryn Lura (M. L.A. Sp.).....Lindsay
 Crouch, Paul S. (L.A. 2).....Yuma, Ariz.
 Crousillat, Ralph S. (P. 1).....Aran, Algeria
 Crowe, Agnes E. (L.A. Sp.).....Ocean Park
 Crowley, Dorothy N. (L.A. 3).....Los Angeles
 Crowther, D. W. (M. Sp.).....Los Angeles
 Cruce, Thomas P. (L. 2).....Siloam Springs, Ark.
 Crutcher, Chas. W. (L.A. Sp.).....Sweetwater, Tex.
 Cuff, Ellery E. (L. 1).....Los Angeles
 Culhane, T. (C. Sp.).....Los Angeles
 Cunningham, Earl (C. 1).....Los Angeles
 Culp, Alice B. (Sociology A.M.).....Los Angeles
 A.B., Southern California, 1920.
 Culp, Henry P. (L.A. 3).....Los Angeles

Culver, Elizabeth J. (L.A. 4).....Los Angeles
 Cummings, J. P. (D. 3).....Los Angeles
 Cummings, Ralph S. (L.A. 2).....Huntington Park
 Cundiff, Stanley M. (L.A. 2).....Los Angeles
 Cunningham, Francis (C. Sp.).....San Antonio, Tex.
 Cunningham, Irene E. (L.A. 3).....Los Angeles
 Cunningham, J. J. (C. Sp.).....Los Angeles
 Cunningham, Leo P. (L.A. 1).....Exeter
 Cunningham, Margaret S. (L.A. 3).....Los Angeles
 Curran, Mabel (L.A. Sp.).....Los Angeles
 Currer, William J., Jr. (M. Sp.).....Los Angeles
 Currie, Robt. C. (D. 1).....Santa Ana
 Curron, Catherine (L.A. 2).....Los Angeles
 Curry, Harry M. (L.A. 1).....Los Angeles
 Curshaw, Lula M. (C. Sp.).....Los Angeles
 Curtis, Grace B. (M. Sp.).....Whittier
 Curtis, J. D. (C. Sp.).....Los Angeles
 Curtis, Leo P. (L.A. 1).....Los Angeles
 Curtis, Leslie B. (D. 1).....Barstow
 Curtis, Louis L. (L. 1).....Los Angeles
 Curtis, Martha (C. 2).....Los Angeles
 Curtis, Wilbur C. (L. 3).....Los Angeles
 Curtiss, R. G. (C. Sp.).....Los Angeles
 Cushing, Cecile (L.A. 4).....Ontario
 Cushing, T. J. (D. 1).....Los Angeles
 Cushing, Wood Wm. (L.A. 2).....Ontario
 Cutler, Carolyn L. (L.A. 3).....Pasadena
 Cyphers, C. L. (C. Sp.).....Los Angeles
 Cytron, D. S. (C. Sp.).....Los Angeles
 Cytron, Dave (C. 3).....Long Beach
 Dabney, Mrs. H. R. (M. Sp.).....Los Angeles
 Dahlgren, L. D. (D. 3).....Los Angeles
 Dahlquist, E. (P. 2).....Oakley, Idaho
 Daley, Halvor (C. Sp.).....Los Angeles
 Dalland, Augustine (French H.S.).....Pasadena
 A.B., Southern California, February, 1922.
 Dalland, Dorothy (L.A. 1).....S. Pasadena
 Dalton, Edison (C. 3).....Bakersfield
 Daly, Beatrice L. (L.A. 3).....Los Angeles
 Daly, Dorothy M. (L.A. 3).....Los Angeles
 Daly, D. J. (C. Sp.).....Los Angeles
 Daly, Martin B. (L.A. Sp.).....Cleveland, Ohio
 Daniel, William (P. 2).....Fresno
 Daniell, Anna L. (L.A. Sp.).....Los Angeles
 Daniels, Josephine (L.A. 4).....Abilene, Tex.
 Danielson, Cora L. (L.A. Sp.).....Los Angeles
 Danielson, Laura C. (L.A. Sp.).....Redlands
 Danley, Margie L. (L.A. Sp.).....Pasadena
 Danley, Samuel B. (L.A. 3).....Pasadena
 Danner, Arthur (M. Sp.).....Los Angeles
 Danner, Dorothy (M. Sp.).....Los Angeles

- Danning, Sarah B. (L. 1).....Los Angeles
 Darsie, Helen M. (German Gr.).....
 Los Angeles
 A.B., Hiram College, 1910.
 A.M., H.S., Southern California,
 1913.
 Darsie, Ruth A. (Education Gr.).....
 Los Angeles
 A.B., Pomona College, 1918.
 Dau, C. (D. 2).....Los Angeles
 Daugherty, Frank T. (L.A. Sp.).....
 Los Angeles
 D'Autremont, J. V. (D. 3).....Los Angeles
 Davenport, A. G. (C. Sp.).....Los Angeles
 Davenport, Mrs. D. (C. Sp.).....
 Los Angeles
 Davidson, J. M. (C. Sp.).....Los Angeles
 Davidson, Miriam C. (L.A. 3 M. Sp.).....
 Los Angeles
 Davidson, Norabelle (L.A. 4).....
 Los Angeles
 Davies, Geo. A. (C. 1).....Los Angeles
 Davis, Albert L. (L.A. Sp.).....Los Angeles
 Davis, Alden K. (L. 1).....Lubec, Me.
 Davis, Clifford (L.A. 3).....Los Angeles
 Davis, Gertrude (L.A. 3).....Los Angeles
 Davis, Mrs. H. H. (M. Sp.).....El Segundo
 Davis, Harold L. (L. 1).....Los Angeles
 Davis, H. W. (D. 1).....Los Angeles
 Davis, John Wm. (D. 1).....Globe, Ariz.
 Davis, Karl L. (L. 1; L.A. Sp.).....
 Los Angeles
 Davis, Laura A. (L.A. 2).....Portland, Ore.
 Davis, M. B. (D. 2).....Glendale
 Davis, Russell (C. Sp.).....Los Angeles
 Davis, Soule F. (L.A. 1).....Paris, Ky.
 Davis, Walter (C. Sp.).....Los Angeles
 Davis, Wilfred (C. Sp.).....Los Angeles
 Davis, William (C. 1).....Los Angeles
 Davison, Madeline (History Gr.).....
 Los Angeles
 A.B., Southern California, 1914.
 Dawes, Roberta (L.A. M. Sp.).....
 Santa Ana
 Dawson, LeRoy (L. 1).....Los Angeles
 Day, Harold R. (L.A. 3).....Los Angeles
 Day, Horace (C. Sp.).....Los Angeles
 Day, Hugh W. (L. 1).....Colton
 Day, Nelly F. (S. L.A. Sp.).....
 Los Angeles
 Day, Ralph E. (L. 1).....Colton
 Dayman, Evelyn (S. Gr.).....Los Angeles
 Dean, Charles F. (L.A. 3).....Calxico
 Deardoff, Annette (L.A. 4).....Los Angeles
 Decker, Clarence G. (L. 1).....Riverside
 Deegan, Clyde J. (L.A.).....Shelton, Wash.
 Deibert, George (P. 3 L.A. Sp.).....
 Los Angeles
 Dekker, Chauncey H. (L.A. 4).....Pasadena
 DeLamater, Edw. H. (L.A. Sp.).....
 Los Angeles
 DeLaney, Robt. M. (M. Sp.).....
 Santa Barbara
 D'Elia, Louis F. (L.A. 3 L. 1).....
 Los Angeles
 Delmas, Christopher (L.A. Sp.).....
 Lowell, Ariz
 Delphay, Willie E. (L.A. 1).....Chino
 de los Reyes, Albino (C. 3).....Los Angeles
 Delpy, L. W. (C. Sp.).....Los Angeles
 Dement, Wallace B. (L. 2).....
 Myrtle Point, Ore.
 DeMotte, Oliver (Math. A.M. H.S.).....
 Paso Robles
 A.B., University of Colorado, 1921.
 Dempsey, Thomas R. (L. 1).....Los Angeles
 Denhart, Geo. E. (D. 1).....
 Stanford, Mont.
 Denitz, Herbert (C. 1).....Los Angeles
 Denneen, Jerome (C. Sp.).....
 New Richmond, Wis.
 Dennis, Bryan H. (L.A. Sp.).....
 San Fernando
 Dennis, Helen (M. Sp.).....Los Angeles
 Dennis, William M. (L. 1).....El Segundo
 Dennison, George S. (L. 2; L.A. 4).....
 Los Angeles
 Denny, L. A. (C. Sp.).....Los Angeles
 DeNubila, Audrey (M. Sp.).....Los Angeles
 DeOliviera, Arabelle (L.A. 3).....
 Los Angeles
 de Paszthory, Melbourne (L.A. 3).....
 S. Pasadena
 De Pons, William (C. Sp.).....Los Angeles
 Derby, A. E. (D. 1).....Ventura
 De Santis, A. S. (L. Sp.).....Los Angeles
 Desimone, Leonardo (L.A. 1).....
 Los Angeles
 Deur, Anna G. (L.A. 1).....Los Angeles
 Devereux, Walter J. (L.A. Sp.).....
 Los Angeles
 Dickenson, C. S. (D. 2).....Los Angeles
 Dickens, Maurice (C. 1).....Ontario
 Dickey, Bessie (C. Sp.).....Los Angeles
 Didrickson, Karl (C. Sp.).....Los Angeles
 Diebold, Charles E. (L.A. 2).....
 Los Angeles
 Diedrick, R. L. (D. 2).....Los Angeles
 Dieffenbacher, Paul F. (L.A. Sp.).....
 Long Beach
 Diehl, Edith (C. Sp.).....Los Angeles
 Dike, Raymond J. (L.A. 2).....Los Angeles
 Dill, Hayward W. (L.A. 4).....Los Angeles
 Dillon, Fairfax K. (C. Sp.).....Atlanta, Ga.
 Dillon, Wm. M. (L. 1).....Los Angeles
 Dinsmoor, D. M. (D. 1).....El Monte
 Dishman, Leland F. (L.A. 1).....
 Los Angeles
 Dixon, Dulcine (M. Sp.).....Los Angeles
 Dixon, Harold H. (L.A. 3).....Los Angeles
 Dixon, John G. (P. 1).....Bishop
 Dixon, Mae Aletha (L.A. Sp.).....Fullerton
 Dobbin, Sylvia H. (L.A. 4).....Chino
 Dobson, Clifford H. (L.A. 1).....
 Chandler, Ariz.
 Dockstader, Rosa (L.A. 3).....Los Angeles
 Dodds, Isabella L. (L.A. 3).....Colton
 Dodge, Arthur C. (L.A. 4).....
 Santa Monica
 Dodge, H. A. (C. Sp.).....Los Angeles
 Dodge J. B. (D. 2).....Los Angeles

- Dodo, Niichi (L.A. 2).....Los Angeles
Doherty, Doris (L.A. S. 3).....Rushville, Neb.
Doll, William M. (C. Sp.).....Los Angeles
Dolland, Dorothy (L.A. 1).....Los Angeles
Dollar, Alexander G. (L.A. 1).....Los Angeles
Dolley, Chester (L.A. S. 2).....Los Angeles
Dolley, Roy (L. 1; L.A. 3).....Long Beach
Dolly, Marion A. (M. Sp.).....Long Beach
Dolton, Wm. E. (L.A. 3).....Los Angeles
Domsler, Lillian (M. Sp.).....Glendale
Donnelly, Gertrude (C. Sp.).....Los Angeles
Doohar, Margaret (C. Sp.).....Los Angeles
Doorley, James C. (L.A. 1).....Los Angeles
Dorbandt, Allie (L.A. Sp.).....Lempasas, Tex.
Dorman, W. S. (C. Sp.).....Los Angeles
Dorris, Rebecca J. (L.A. Sp.).....Forest
Dorsett, W. C. (D. 2).....Whittier
Dorsey, Buda Orth (M. Sp.).....Monrovia
Doster, Allan V. (L.A. 2).....Los Angeles
Dougher, Harold (C. 1).....Los Angeles
Dougherty, James (C. Sp.).....Los Angeles
Dougherty, Maybelle (L.A. 1).....Danville, Ill.
Douglas, D. B. (P. 1).....Toronto, Can.
Douglas, Ellen M. (L.A. 1).....Los Angeles
Douglas, Lillie Newlon (Sociology Gr.).....Los Angeles
A.B., Southern California, 1920.
Douglass, John (C. 3).....Fall Brook
Douglass, Marvin D. (L.A. 4).....Fall Brook
Douglass, Robert H. (History Gr.).....Los Angeles
A.B., Southern California, 1920.
Doughty, W. M. (D. 3).....Los Angeles
Downing, Harold (L.A. 1).....Burrel
Downing, Ralph C. (P. 1).....Bell
Downs, Bertram H. (D. 1).....Colorado Springs, Colo.
Downs, G. E. (D. 4).....Sparks, Nev.
Doyle, Chas. S. (D. 3).....Los Angeles
Doyle, John R. (L.A. Sp.).....Los Angeles
Draper, Marjorie E. (L.A. 1).....Los Angeles
Draper, S. (P. 2).....Los Angeles
Dressor, M. Irene (L.A. 2).....Holtville
Drockman, A. P. (C. Sp.).....Los Angeles
Droge, Augusta (L.A. Sp.).....Santa Monica
Drum, Howard A. (D. 1).....Los Angeles
Drury, C. (D. 3).....San Diego
Dryden, J. H. (L. A. Sp.).....Whittier
Dunbar, D. A. (D. 2).....San Pedro
DuBois, A. J. (C. Sp.).....Los Angeles
DuBois, Warren (L. 1).....Long Beach
Duckwall, Frank E. (L.A. 2).....Los Angeles
Duckwall, Lillian J. (L.A. 3; M. Sp.).....Los Angeles
Dudley, Carlton (C. 2).....Eggertsville, N. Y.
Dudley, T. L. (C. Sp.).....Los Angeles
Dudney, Elliott (L.A. S. 1).....Pasadena
Duell, Randall (L.A. 1).....Ontario
Duff, Joseph (L. 2).....Los Angeles
Duff, Nadine (M. Sp.).....Taft
Duffy, Arthur J. (L.A. Sp.).....Pasadena
Dunbar, Mrs. (M. Sp.).....El Segundo
Duncan, Grace E. (L.A. Sp.).....Los Angeles
Duncan, H. S. (D. 3).....Los Angeles
Duncan, M. H. (D. 3).....Santa Ana
Dundas, E. M. (C. Sp.).....Los Angeles
Dundas, Margaret L. (L.A. 3).....Los Angeles
Dunn, A. L. (D. 3).....Long Beach
Dunn, W. S. (P. 2).....Wheeling, W. Va.
Dunnack, Beatrice (L.A. 3; M. Sp.).....Orange
Dunning, Gladys E. (L.A. 1).....Gustine
Dupuy, Reginald (C. 1).....Los Angeles
Durand, Samuel P. (L. 1).....Glendale
Durlin, Elmer (C. 1).....New Harmony, Ind.
Durst, Walter (M. Sp.).....Los Angeles
Dusseau, Ralph E. (L.A. Sp.).....Huntington Park
Dutcher, Arthur (C. 3).....Los Angeles
Dutton, Cecil (C. 1).....Glendale
Dutton, Claire (M. Sp.).....Los Angeles
Dutton, E. T. (D. 2).....Los Angeles
Dutton, John E. (L.A. L.).....Los Angeles
Dye, Harold B. (L.A. 2).....Macedonia
Dyer, Allison (C. Sp.).....Los Angeles
Dyer, H. J. (C. Sp.).....Los Angeles
Dyer, J. C. (D. 2).....Los Angeles
Dyer, Lora (M. Sp.).....Arizona
Dyer, Muriel (C. 2).....Los Angeles
Dyer, R. L. (C. Sp.).....Los Angeles
Dysinger, Earl S. (L. 1).....Fullerton
Dysinger, Wendell S. (English A.M.).....Los Angeles
A.B., Wittenberg College, 1918.
Dzu, Din Lou (Economics Gr.).....Los Angeles
Hangchow College, 1912.
Eads, Bessie (M. Sp.).....Kansas
Eagan, Ellis A. (L. 3).....Los Angeles
Earl, Claude E. (L.A. Sp.).....Pasadena
Early, Laura A. (L.A. Sp.).....Los Angeles
Eastin, I. R. (D. 1).....Modesto
Eastman, Bernice (M. Sp.).....Huntington Park
Ebert, Elizabeth (L.A. 3).....Colton
Ebert, Myrna J. (L.A. 4).....Duluth, Minn.
Eddy, William Arnold (L.A. 2).....Los Angeles
Edgin, Margaret (L.A. 2).....Los Angeles
Edwards, Gladys (L.A. Sp.).....Placentia
Edwards, Roy (C. 2).....Orange
Efner, Roma G. (L.A. 2).....Long Beach
Egan, D. Webster (L. 3).....Los Angeles
Eggenger, Mathilde (Education H.S.).....Los Angeles
A.B., University of Wisconsin, 1911.

- Eichbauer, Frederick D. (L.A. Sp.)..... Los Angeles
 Eichner, W. C., Jr. (D. 1)..... Los Angeles
 Einzig, L. (D. 2)..... Los Angeles
 Eldridge, Genevieve (L.A. Sp.)..... Long Beach
 Ellerbeck, Clarissa (English Gr.)..... Los Angeles
 A.B., Stanford University, 1902.
 Ellington, Ruth (L.A. 4)..... Azusa
 Elliott, Catheryn S. (L.A. Sp.)..... Los Angeles
 Elliott, Ruth M. (M. Sp.)..... Los Angeles
 Elliott, W. C. (C. Sp.)..... Los Angeles
 Ellis, Albert L. (L.A. 1)..... Los Angeles
 Ellis, Francis B. (L.A. 2)..... Long Beach
 Ellis, George (L. 1)..... Los Angeles
 Ellis, Herbert (C. 2)..... Long Beach
 Ellis, Leila (M. Sp.)..... Huntington Park
 Ellis, Mrs. Rose (L.A. Sp.)..... Venice
 Ellsworth, Kennedy (C. 4)..... Los Angeles
 Ellsworth, LaVere C. (L.A. 1)..... Los Angeles
 Elmassian, Soome (L. 3; L.A. 3) Fresno
 Elmore, Aaron (L.A. 1)..... Los Angeles
 Ely, A. H. (C. Sp.)..... Los Angeles
 Embree, Corene (L.A. 3; M. Sp.)..... Glendora
 Embree, Margaret (L.A. 1)..... Glendora
 Emerson, Muriel (L. 1)..... Los Angeles
 Emery, Frank S. (D. 1)..... Los Angeles
 Emery, Gilbert (C. 3)..... Los Angeles
 Emmons, Richard (C. 2)..... Los Angeles
 Enfield, O. D. (C. Sp.)..... Los Angeles
 Engelskirchen, H. J. (C. Sp.)..... Los Angeles
 Engle, Elizabeth G. (L.A. 3)..... El Monte
 Engle, Helen M. (L.A. 3)..... El Monte
 English, J. W. (L.A. 3)..... Riverside
 Enloe, Helen J. (L.A. 1)..... Long Beach
 Enochs, Rex Paul (Zoology A.M.)..... Los Angeles
 A.B., Southern California.
 Enomoto, K. (D. 4)..... Los Angeles
 Ensley, Isabel L. (L.A. 4)..... Ontario
 Enter, Ray H. (L. 3)..... Los Angeles
 Epperson, Mrs. A. (C. Sp.)..... Los Angeles
 Epstein, Joan (English H.S.)..... Los Angeles
 A.B., Southern California, 1921.
 Erhart, C. E. (D. 4)..... Los Angeles
 Erbes, Clara (Spanish Gr.)..... Centralia, Ill.
 A.B., University of Illinois, 1909.
 Ericsson, Ralph B. (L.A. Sp.)..... Los Angeles
 Erratt, W. (P. 2)..... Oildale, Cal.
 Esgate, Evelyn (Sociology A.M. H.S.)..... Los Angeles
 A.B., Southern California, 1921.
 Eshelman, R. C. (L.A. Sp.)..... Sawtelle
 Estep, Florence U. (L.A. Sp.)..... Fremont, Neb.
 Esterbrook, Olivia (L.A. Sp.)..... Los Angeles
 Estes, Muriel (L.A. 3)..... New York, N. Y.
 Estes, Thelma (L.A. 3)..... Midland, Tex.
 Estrada, Antonia (L.A. Sp.)..... Los Angeles
 Etcheverry, F. J. (C. Sp.)..... Los Angeles
 Eustice, C. Palmer (L.A. 1)..... Galena, Ill.
 Evans, A. G. (D. 3)..... Park City, U.
 Evans, Geo. O. (L.A. 1)..... Deport, Tex.
 Evans, H. J. (C. Sp.)..... Los Angeles
 Evans, L. H. (D. 3)..... Los Angeles
 Evans, Nettie S. (L. 1)..... Long Beach
 Evans, Opal (Education H.S.)..... Los Angeles
 A.B., Southern California, 1921.
 Evans, Roy (L. 1)..... Fullerton
 Evans, William (L.A. 2)..... Long Beach
 Everest, Raymond B. (L. 2)..... Oklahoma City, Okla.
 Everett, A. L. (D. 3)..... Los Angeles
 Everett, Curtis H. (L. 2)..... Atlanta, Ga.
 Everline, Florence M. (L.A. 4)..... Los Angeles
 Ewan, Edna D. (L.A. 4)..... Los Angeles
 Ewan, J. D. (C. 1)..... Los Angeles
 Ewers, Ray (L.A. 1)..... Three Forks, Mont.
 Eyman, W. C. (C. Sp.)..... Los Angeles
 Eyre, Ruth J. (L.A. 3)..... Los Angeles
 Fahringer, Jeanette (M. Sp.)..... San Gabriel
 Fairbanks, Constance (L.A. 2; M. Sp.)..... Los Angeles
 Fairbanks, W. Z. (L.A. 2)..... Fresno
 Fairchild, Charles V. (L.A. 4)..... Los Angeles
 Fairchild, E. E. (L.A. Sp.)..... Los Angeles
 Fairchild, Eva L. (L.A. Sp.)..... Los Angeles
 Falcon, Hubert M. (L.A. 1) Los Angeles
 Falconer, Margaret (L.A. 4)..... Brea
 Falk, Ida M. (L.A. 3)..... Azusa
 Fancher, Geo. H. (L.A. 3)..... Downey
 Fancher, Lucille (M. Sp.)..... Los Angeles
 Faries, McIntyre (L. 2)..... Los Angeles
 Farlow, Dale (C. 1)..... Beatrice, Neb.
 Farman, Carl H. (L.A. 3)..... Los Angeles
 Farman, John S. (L.A. 1; L. 3)..... Napa
 Farman, Philip C. (L. 3; L.A. Sp.)..... Napa
 Farr, Beulah M. (Education H.S.)..... Los Angeles
 A.B., Southern California, 1920.
 Farrar, R. H. (D. 3)..... Fresno
 Farrell, Mary M. (C. 1)..... Los Angeles
 Fashing, Virginia (M. Sp.)..... Los Angeles
 Fast, Minna E. (L.A. 2; M. Sp.) Fresno
 Faul, J. L. (D. 3)..... Santa Ana
 Fearon, Mary E. (L.A. Sp.)..... Ocean Park
 Fearney, Edward (C. 1)..... Los Angeles
 Fechtner, Leona (C. 1; M. Sp.)..... Bakersfield
 Fee, Edgar (L. Sp.)..... Los Angeles
 Fee, Robert (C. Sp.)..... Cisco, Tex.
 Fellows, Helen (C. 1)..... Buttonwillow

- Felton, Gay W. (History Gr.).....
 Los Angeles
 A.B., University of Vermont, 1897.
 Felton, James L. (L.A. 3).....Los Angeles
 Fenter, Geo. R. (L. 2).....Upland
 Ferguson, Kathryn L. (L.A. M. Sp.).....
 Los Angeles
 Feinfeld, Jacob L. (L. 3).....Los Angeles
 Feinstein, Louise (Economics A.M.).....
 Los Angeles
 B.S., Tufts College, 1921.
 Ferris, C. H. (C. Sp.).....Los Angeles
 Ferris, Wilson A. (L.A. 1).....Los Angeles
 Ferrish, Lewis F. (L.A. Sp.).....
 Los Angeles
 Fesler, Alice M. (Sociology A.M.).....
 Covina
 A.B., Southern California, 1921.
 Fessenden, W. P. (C. Sp.).....Los Angeles
 Feuer, Adrian H. (L.A. 1).....Los Angeles
 Feuer, Herman E. (L.A. 1) Los Angeles
 Feuer, Leona A. (L.A. 4).....Los Angeles
 Fick, Clara (C. 3).....Los Angeles
 Fielding, T. A. (D. 3).....Los Angeles
 Fieth, Alfred (C. 3).....Los Angeles
 Fifield, Gladys L. (L.A. 1) Long Beach
 Filer, F. (P. 2).....Anaheim
 Filipiak, Anthony (L. 1).....Pittsburg, Pa.
 Finch, Mildred M. (L.A. 4) Los Angeles
 Finder, Grace L. (L. A. Sp.).....
 Los Angeles
 Fine, Helen (L.A. 1).....Los Angeles
 Findlay, Ernest W. (L. 1).....Venice
 Findley, Marcus B. (L.A. 3).....
 Salem, Ore.
 Fink, Catherine (M. Sp.).....Los Angeles
 Fink, Dorothy (M. Sp.).....Los Angeles
 Fink, T. H. (D. 2).....Los Angeles
 Finkelstein, Wm. Z. (D. 1).....Los Angeles
 Finkenstein, Harry A. (L. 3).....
 Los Angeles
 Finley, Aubrey M. (L. 3).....Los Angeles
 Finney, W. D. (D. 3).....Los Angeles
 Fischer, Pauline E. (L.A. 4).....
 Los Angeles
 Fish, Maude A. (C. Sp.).....Los Angeles
 Fish, Thurow P. (P. 1).....Monrovia
 Fisher, Alvin (C. 1).....Los Angeles
 Fisher, Charles A. (D. 1).....Los Angeles
 Fisher, Earl (C. Sp.).....Brocton, Mass.
 Fisher, Edward (Chemistry H.S.).....
 Los Angeles
 A.B., Southern California, 1921.
 Fisher, Edythe (M. Sp.).....Los Angeles
 Fisher, F. B. (D. 3).....Butte, Mont.
 Fisher, Flora (M. Sp.).....Los Angeles
 Fisher, Marshall (C. Sp.).....Palo Alto
 Fisher, R. D. (D. 3).....Los Angeles
 Fisk, Dean (C. Sp.).....Claremont, N. H.
 Fisk, Philip (M. Sp.).....Los Angeles
 Fitzer, Gertrude L. (L.A. 1).....
 Los Angeles
 Fitzgerald, Edward (C. 2).....Los Angeles
 Fitzgerald, Helen M. (L.A. 3).....
 Los Angeles
 Fitzgerald, Mamie K. (L.A. Sp.).....
 Los Angeles
 Fitzgerald, Robt. B. (L.A. 3).....
 Cambridge, Mass.
 Fitzgerald, R. S. (C. Sp.).....Los Angeles
 Fitzpatrick, James B. (L.A. 2).....
 Los Angeles
 Fizell, Russell W. (C. 3).....Los Angeles
 Fjeld, V. A. (D. 2).....Los Angeles
 Flaherty, Hugh F. (L. 1).....
 Colorado Springs, Colo.
 Flam, Edward (L. 3).....Los Angeles
 Flanagan, Jack (C. 2).....Saugus
 Flanner, P. E. (C. Sp.).....Los Angeles
 Fletcher, Abbie Naomi (Oriental
 Stud. A.M.).....Hemet
 Ph.B., University of Chicago, 1921.
 Fletcher, J. W. (D. 3).....Gardena
 Fletcher, Marvin L. (L. 2).....Los Angeles
 Fletcher, Theodore R. (L.A. Sp.).....
 Santa Monica
 Fletcher, Mrs. Ted (M. Sp.).....
 Los Angeles
 Flinn, Helen L. (Education A.M.
 H.S.).....Los Angeles
 A.B., University of Michigan, 1920.
 Flor, R. John (L.A. 1).....Ouray, Colo.
 Florey, Miss L. (P. 2).....Los Angeles
 Floyd, P. B. (D. 2).....Helph, U.
 Fluke, Catherine E. (L.A. 3).....
 Los Angeles
 Flynn, John L. (L. 2).....Los Angeles
 Fogel, L. J. (D. 2).....Los Angeles
 Foley, Edna (L.A. 2).....Los Angeles
 Foote, Frank P. (L.A. 4).....Los Angeles
 Foote, H. T. (L.A. 4).....Los Angeles
 Forbes, C. A. (D. 2).....Los Angeles
 Force, Mildred (L.A. 1).....Monrovia
 Ford, C. E. (D. 1).....Glendale
 Ford, Millicent (M. Sp.).....Los Angeles
 Forno, James (L.A. 1).....Los Angeles
 Forster, L. J. (C. Sp.).....Los Angeles
 Fort, Lois (L.A. 1).....Los Angeles
 Fortner, Harry F. (P. 1).....Los Angeles
 Foss, Marian (L.A. 1).....Los Angeles
 Foss, Roy (C. 1).....Los Angeles
 Fossett, Harold (Mathematics H.S.).....
 Hemet
 A.B., Southern California, 1921.
 Foster, Harold B. (L.A. 2).....Downey
 Foster, James T. (L.A. 1).....Los Angeles
 Foster, Ruth E. (L.A. Sp.).....Los Angeles
 Foster, Verjene (M. Sp.).....Los Angeles
 Fountain, Delbert R. (D. 1).....Banning
 Foutz, Francis J. (L.A. Sp.).....Modesto
 Fowler, Rosalie (Sociology A.M.).....
 Palm Springs
 A.B., Southern California, 1916.
 Fowler, Vincent C. (D. 1).....Pasadena
 Fox, G. (P. 2).....Sawtelle
 Fox, Mildred M. (L.A. 1).....Escondido
 Frame, A. E. (D. 2).....Salt Lake City, U.
 Frame, J. W. (D. 2).....Los Angeles
 Frampton, Jesse (L. 3).....Los Angeles
 Francis, Etta (L.A. 4).....Los Angeles
 Francy, Victor (L.A. 1).....Glendale

- Frank, Brunhilda (C. 1).....Los Angeles
 Frank, Vivienne (L.A. 1).....Los Angeles
 Franks, Leone (L.A. 2).....Los Angeles
 Frazee, Margaret (L.A. 1).....Glendale
 Frazier, Alice (M. Sp.).....Los Angeles
 Frederick, Charles E. (C. 2) Los Angeles
 Freebairn, A. (D. 2).....Salt Lake City, U.
 Freebairn, J. Roy (D. 1).....
 Salt Lake City, U.
 Freed, Emil (L.A. 3).....Los Angeles
 Freeland, Edward (C. 2).....Bakersfield
 Freeman, Albert T. (Rel. Educ. A.M.)
 Los Angeles
 A.B., DePauw University, 1921.
 Freeman, Geo. H. (L.A. 2).....Los Angeles
 Freeman, Marion R. (L.A. Sp.).....
 San Francisco
 Freer, Max E. (D. 1).....Los Angeles
 Freese, Leo (C. 3).....Pasadena
 French, Mildred A. (L.A. 2).....Riverside
 French, R. M. (D. 2).....San Diego
 Freudenberg, Edwin A. (L. 1).....
 Los Angeles
 Frey, Harold (L.A. Sp.).....Walnut Park
 Frick, Cornelia H. (L.A. Sp.).....
 Los Angeles
 Frick, Frances M. (L.A. 3).....Long Beach
 Fridal, V. A. (D. 2).....Los Angeles
 Friedlander, David (L. 1).....Los Angeles
 Friedman, Amos (L. 3).....Los Angeles
 Friedman, Grace (M. Sp.).....Pomona
 Friedman, Leo (L. 3).....Los Angeles
 Friedman, Nathan (L.A. 2).....
 Omaha, Neb.
 Friedman, Paul (L. 3).....Los Angeles
 Frith, Ora F. (L.A. 2).....San Fernando
 Fritz, Marion (L.A. Sp.; M. Sp.).....
 Long Beach
 Froemmling, L. W. (C. Sp.).....
 Los Angeles
 Frommelt, Albert J. (P. 1).....Napa
 Frost, Rosamund (M. Sp.).....Redlands
 Frueh, Albert (L. 3).....Los Angeles
 Fry, Sarah V. (C. 3).....Glendale
 Frye, Mrs. A. M. (M. Sp.).....Los Angeles
 Frye, Horace F. (L. 1).....Los Angeles
 Fuchser, Clarence (C. Sp.).....Long Beach
 Fugle, J. B. (D. 2).....San Diego
 Fujimoto, Rynkyo (L.A. 4).....Japan
 Fukuda, K. (L.A. 1).....Los Angeles
 Fulcher, Chas. E. R. (L. 3) Los Angeles
 Fuller, Chas. G. (L.A. 1).....Venice
 Fuller, Olive J. (L.A. Sp.).....Pasadena
 Fuller, Ruby E. (L.A. 4).....Los Angeles
 Fulsom, Craig (M. Sp.).....Los Angeles
 Fulton, C. C. (C. Sp.).....Los Angeles
 Fulton, Louise (M. Sp.).....Los Angeles
 Fultz, Garriss (C. Sp.).....Los Angeles
 Funderberg, Wm. C. (L. 2).....Pasadena
 Funderburgh, Isaac V. (Grad.).....
 Los Angeles
 M.A., University of Southern California, 1917.
 Gail, Cyril (D. 1).....Sawtelle
 Gallagher, Lucille (L.A. Sp.).....
 Los Angeles
 Gallagher, Nettie (M. Sp.).....Los Angeles
 Galloway, Amor (C. 3).....Los Angeles
 Galloway, Anna M. (M. 4; L.A. Sp.)
 Los Angeles
 Galloway, Harold (C. 3).....Los Angeles
 Gamble, Geo. H. (Rel. Educa. A.M.)
 Minneapolis
 A.B., University of Minneapolis,
 1912.
 University of Minneapolis, 1912.
 Gamble, Mrs. Leo M. (L.A. Sp.).....
 Los Angeles
 Gamble, Wm. B. (C. Sp.).....Los Angeles
 Gambsky, Gabriel (L. 2).....
 Papaaloa, Hawaii
 Gano, Fern E. (L.A. 4).....Los Angeles
 Gardner, Anna C. (L.A. Sp.).....
 Los Angeles
 Gardner, Annie L. (L.A. Sp.).....
 Los Angeles
 Gardner, Geo. (L. 2).....Silver City, N. M.
 Gardner, R. E. (C. Sp.).....Los Angeles
 Gardner, W. B. (C. Sp.).....Los Angeles
 Garman, R. D. (C. Sp.).....Los Angeles
 Garner, Estelle (M. Sp.).....Sawtelle
 Garner, Lloyd (L. 1).....Los Angeles
 Garner, M. D. (C. Sp.).....Cleveland, O.
 Garrett, Bernard (C. Sp.).....
 Ladysmith, Wis.
 Garrett, Edward D. (L. 2).....Los Angeles
 Garrett, Lloyd (L. 1).....Los Angeles
 Garrott, Miriam (Soc. A.M.).....
 Los Angeles
 A.B., Fisk University, 1919.
 Garth, J. G. (S. Sp.).....Los Angeles
 Gartler, H. (C. Sp.).....Los Angeles
 Garton, Vera M. (L.A. 2).....Raton, N. M.
 Garvey, Harry H. (P. 1).....Los Angeles
 Gates, F. O. (C. Sp.).....Los Angeles
 Gates, Samuel E. (L.A. 1).....Los Angeles
 Gauthier, Blanche P. (L.A. 4).....
 San Gabriel
 Gee, Agnes (M. Sp.).....Los Angeles
 Geiger, Essie (L.A. Sp.).....Los Angeles
 Geis, R. F. (C. Sp.).....Los Angeles
 Geiselhart, Edward J. (D. 1).....
 Los Angeles
 Geno, Leonard (L.A. 1).....Los Angeles
 Genrich, Elizabeth (M. Sp.) Los Angeles
 Genrecht, Moses (P. 1).....Los Angeles
 Gernon, Mrs. Jean W. (L.A. Sp.).....
 Long Beach
 Gerry, F. B. (D. 3).....Pasadena
 Getts, David F. (L. 2).....Los Angeles
 Gholz, Walter I. (Phys. H.S.).....
 Sawtelle
 A.B., University of Southern California, 1911.
 Gibbs, Albert D. (Chem. A.M. H.S.)
 Long Beach
 A.B., University of Southern California, 1921.
 Gibbins, W. Blair (L. 2).....
 Parkersburg, W. Va.
 Gibson, Elsie N. (L.A. 3).....
 Arroyo Grande

- Gibson, Harry (S. Sp.).....Glendale
 Gibson, La Dessa (L.A. 1).....Los Angeles
 Gibson, Robert (P. 1).....Downey
 Gilbert, Clara (L.A. 2).....El Segundo
 Gilbert, Florence (L.A. 4).....El Segundo
 Gilbert, Irving (L. 3).....Los Angeles
 Gilbert, Walter E. (L.A. 2) Los Angeles
 Gildmeister, Harry P. (P. 1).....Alhambra
 Gilland, L. W. (D. 1).....Los Angeles
 Gilleland, Chas. (C. 1).....Phoenix, Ariz.
 Gillespie, Iline (L.A. 1).....Los Angeles
 Gillespie, James B. (C. Sp.) Los Angeles
 Gillett, Isaac (L.A. 1).....Los Angeles
 Gillette, Virginia (M. Sp.).....Los Angeles
 Gillham, John C. (L. 3).....Los Angeles
 Gilliland, Roy C. (L.A. 1).....Los Angeles
 Gillpatrick, Laura J. (L.A. Sp.).....
Los Angeles
 Gilmor, Gertrude (French A.M. H.S.)
A.B., University of Southern Cali-
fornia, 1921.
 Gilmor, L. A. (D. 2).....Los Angeles
 Gilpatrick, Frankie S. (L.A. Sp.).....
Los Angeles
 Gilson, Richard W. (L.A. 4).....
Los Angeles
 Ginoza, Soiho (L.A. 2).....Okinawa, Japan
 Ginsburg, J. (D. 2).....Los Angeles
 Girdlestone, Catherine A. (L.A. 4).....
Los Angeles
 Gitelson, Miss B. (P. 2).....Alhambra
 Given, Jack (L.A. 2).....
Huntington Beach
 Givens, Maynard (L. 1).....Los Angeles
 Givvs, W. W. (C. Sp.).....Los Angeles
 Gjerset, Wendell B. (L.A. Sp.).....
Fergus Falls, Minn.
 Gladden, Adelaide (M. Sp.) Los Angeles
 Glasby, H. (C. Sp.).....Los Angeles
 Glass, Mary (M. Sp.).....Los Angeles
 Glassell, Wm. T. (L.A. 1).....Los Angeles
 Glassman, Ely J. (P. 1).....
Albuquerque, N. M.
 Gledhill, Anne E. (L.A. Sp.).....
Elmer, N. J.
 Glenn, Maude (L.A. Sp.).....Los Angeles
 Glick, Harriet (M. Sp.).....Los Angeles
 Glover, Gladys G. (L.A. 4).....Ontario
 Glover, Lydia M. (L.A. 2) Los Angeles
 Goode, Ivy (M. 4; L.A. Sp.).....Gardena
 Godshall, H. L. (D. 1).....Los Angeles
 Godshall, Harold (C. 1).....Los Angeles
 Godske, W. E. (D. 3).....Los Angeles
 Goethe, James T. (C. Sp.).....
Jacksonville, Fla.
 Gold, Leo (D. 1).....Los Angeles
 Goldberg, Henry (P. 1).....Van Nuys
 Golder, Deva G. (L.A. Sp.) Los Angeles
 Golder, Dora Gene (S. 2).....Whittier
 Golding, Allen S. (L.A. 1) Los Angeles
 Golding, Gladys R. (L.A. Sp.).....
Exeter, England
 Goldner, Mona (M. Sp.).....Pomona
 Goldsmith, Ruth G. (L.A. 1).....
Los Angeles
 Goldthwaite, L. Helen (L.A. Sp.).....
Glendale
 Goldwater, A. J. (C. Sp.).....Los Angeles
 Gomez, Seners J. (L.A. 1).....
Coli, Colombia
 Gontzov, Edward (C. 4).....Los Angeles
 Gonzales, Louise (L.A. 4).....Glendale
 Goodell, James A. (L.A. 3).....
Kansas City, Mo.
 Goodhew, Marjery (M. Sp.).....Lamanda
 Goodman, Anna (M. Sp.).....
Huntington Park
 Goodman, Hymen H. (L.A. 1).....
Butte, Mont.
 Goodrich, Clarence E. (L.A. 3).....
Gardena
 Gordon, E. (D. 4).....Los Angeles
 Gordon, Edward (C. 2).....Los Angeles
 Gordon, Florence (L.A. 3) Los Angeles
 Gordon, Irene D. (L.A. 4).....Pasadena
 Gordon, Louis (D. 1).....Los Angeles
 Gordon, M. Clifford (L.A. 3).....
Los Angeles
 Gordon, Philip H. (L. 1).....Norwalk
 Gordon, Vanita (M. L.A. Sp.).....
Los Angeles
 Gorman, Catherine (L.A. Sp.).....
Los Angeles
 Gottschalk, Hazel (M. L.A. Sp.).....
Los Angeles
 Goudy, Blanche (L.A. Sp.) Long Beach
 Goulder, James (C. 1).....
Tacoma, Wash.
 Gowan, R. J. (C. Sp.).....Los Angeles
 Gowdy, Mason B. (C. Sp.) Los Angeles
 Grab, O. H. (D. 1).....Los Angeles
 Grace, Mary E. (L.A. 3).....Gardena
 Graeff, Charles A. (L.A. Sp.).....
New York City
 Graham, C. E. (L.A. 3).....
Huntington Park
 Graham, Garner R. (L.A. 4).....
Los Angeles
 Graham, Guy B. (L. 2).....Los Angeles
 Graham, Orrel L. (Mathematics
 A.M.).....San Fernando
A.B., Union College, 1913.
 Graham, Thomas (L.A. Sp.).....Whittier
 Grant, Glen O. (L.A. 4).....McFarland
 Grant, Glenn (M. Sp.).....Porterville
 Grant, Minnie (L.A. Sp.) Long Beach
 Grant, Vernon S. (L.A. 1).....McFarland
 Graves, A. Marie (L.A. 4) Los Angeles
 Graves, Ralph (C. 2).....Los Angeles
 Graves, Sarah V. (L.A. 1) Los Angeles
 Gray, A. J. (D. 2).....Los Angeles
 Gray, Elizabeth Y. (L.A. 1).....
Beverly Hills
 Gray, George D. (L.A. 4).....Los Angeles
 Gray, LaMar (L.A. Sp.).....Los Angeles
 Gray, R. B. (C. Sp.) Minneapolis, Minn.
 Gray, Russell M. (L.A. 4) Los Angeles
 Graybeal, Eugene W. (L.A. 1).....
Inglewood
 Graybiel, I. Ashton (L.A. 2).....
Three Forks, Mont.

- Grayson, Walter (C. Sp.).....Los Angeles
 Grebe, Emil C. (L. 2).....Los Angeles
 Greeley, Chas. E. (L.A. 2).....Los Angeles
 Greeley, Paul O. (Zoology A.M.).....
 Los Angeles
 A.B., Southern California, 1921.
 Green, Helen J. (L.A. 1).....Los Angeles
 Greenberg, Elizabeth L. (L. 2).....
 Los Angeles
 Greene, Marguerite F. (L.A. Sp.).....
 Dinuba
 Greene, Mary (L.A. Sp.).....Anaheim
 Greene, Mary (Education Gr.).....
 South Pasadena
 A.B., University of Pennsylvania,
 1917.
 Greene, Paul (L.A. 3).....Inglewood
 Greenhalgh, Russell (C. 1).....
 Lawrence, Mass.
 Greenleaf, Tom H. (L.A. 1).....
 Los Angeles
 Greenstreet, Albert (C. 2).....Pasadena
 Gregory, Francis H. (D. 1).....
 Everett, Wash.
 Gregerson, Diamond E. (L.A. Sp.).....
 Venice
 Gregerson, Miss (C. Sp.).....Los Angeles
 Greis, A. J. (L. 1).....Los Angeles
 Grenage, Grace (C. Sp.).....Los Angeles
 Gresham, Mrs. J. L. (M. Sp.).....
 Los Angeles
 Grether, W. M. (C. Sp.).....Los Angeles
 Gribben, L. Velma (L.A. 3) Los Angeles
 Griebenow, Mrs. Annie (M. Sp.).....
 Sierra Madre
 Grieve, Mrs. E. M. (M. Sp.).....
 Los Angeles
 Grieve, A. W. (L.A. Sp.).....Long Beach
 Grieve, Ethel (L.A. Sp.).....Los Angeles
 Griffin, Attye A. (C. Sp.).....Los Angeles
 Griffin, A. E. (C. Sp.).....Los Angeles
 Griffin, B. B. (D. 1).....Los Angeles
 Griffin, Cassett D. (L.A. 3) Los Angeles
 Griffin, Eleanor (L.A. 1).....Los Angeles
 Griffin, Evelyn D. (L.A. 3) Los Angeles
 Griffin, Howard R. (L.A. Sp.; L. 1).....
 Moose Jaw, Sask., Canada
 Griffin, John (C. Sp.).....Phoenix, Ariz.
 Griffith, Lloyd C. (L.A. 1) Los Angeles
 Griffith, Thos. L. (L.A. 1) Los Angeles
 Grigsby, Chellen (C. Sp.).....Los Angeles
 Griley, H. J. (C. Sp.).....Los Angeles
 Grizzle, Lucile (L.A. 3) Arroyo Grande
 Groot, Carl B. (L.A. 2).....Downey
 Gross, Harry Edward (Education
 A.M.).....Los Angeles
 B.S., College of City of New York,
 1910.
 Gross, Vesta E. (L.A. 3).....Los Angeles
 Grossman, Alfred (C. Sp.) Los Angeles
 Grossman, Roy (L.A. Sp.) Los Angeles
 Grove, Henry M. (L.A. 3) Los Angeles
 Gruber, John G. (P. 1) Brooklyn, N. Y.
 Gruwell, R. O. (C. Sp.) Phoenix, Ariz.
 Guerrero, Louis A. (L.A. 2) Mexico
 Guess, E. F. (D. 1).....Fresno
- Gum, W. W. (D. 3).....Los Angeles
 Gumprecht, Marjorie (L.A. 3).....
 Long Beach
 Gunnerson, Ellen G. (L.A. 1; M. Sp.).....
 Los Angeles
 Gustafson, Jessie C. (L.A. 4).....
 Los Angeles
 Guthrey, Mary H. (L.A. Sp.).....
 Los Angeles
 Guthrie, W. H. (D. 2).....Los Angeles
 Guy, Eleanor S. (M. Sp.; L.A. 1).....
 Los Angeles
 Guyot, Stanley (C. Sp.).....Los Angeles
 Guinzbourg, Emmanuel (L.A. 2).....
 Los Angeles
 Haase, Albert E. (L.A. 3).....Fillmore
 Habberstad, Herbert (C. Sp.).....
 Los Angeles
 Haber, Ethel (S. Sp.).....Los Angeles
 Haberman, Sam (C. 1).....Los Angeles
 Hadlock, Frank (L.A. Sp.) Los Angeles
 Hadorn, Fred L. (L.A. Sp.) Los Angeles
 Hagan, Catherine (M. Sp.) Los Angeles
 Hagan, Jeanette (M. Sp.) Los Angeles
 Hage, Lucile (L.A. Sp.) Los Angeles
 Hager, Lucile (L.A. Sp.) Los Angeles
 Haggman, Edith (L.A. 1) Santa Monica
 Hague, M. (D. 2).....Fresno
 Hahn, C. C. (L.A. 1).....Pasadena
 Hahn, H. F. (C. Sp.).....Los Angeles
 Hahn, Stanton M. (L. 2).....
 Bellefontaine, O.
 Haines, Mildred (M. Sp.) Los Angeles
 Hair, Mrs. Rosa B. (M. Sp.).....
 Los Angeles
 Haisch, H. J. (D. 4).....Los Angeles
 Halbert, Elizabeth (L.A. Sp.).....
 Long Beach
 Halcomb, Margaret (L.A. 1).....
 Los Angeles
 Haldeman, Dorothy E. (L.A. 2).....
 Los Angeles
 Hale, Lulu (L.A. 2).....Los Angeles
 Halfpenny, Clarence R. (L.A. 2).....
 Los Angeles
 Halili, Leandro (C. Sp.) Los Angeles
 Hall, A. (P. 2).....Corcoran
 Hall, Alice A. (L. 3).....Los Angeles
 Hall, Bernice (M. Sp.) Long Beach
 Hall, Clinton G. (L.A. 2) Long Beach
 Hall, Edward H. (D. 1) Los Angeles
 Hall, Helon M. (L.A. 2).....
 Madisonville, Ky.
 Hall, Lee R. (L.A. Sp.) Shaniolin, Pa.
 Hall, Lucinda (L.A. 2) Corcoran
 Hall, Marcellus (C. Sp.) Whittier
 Halley, Robert T. (P. 1) San Diego
 Hallford, Frank (C. 2) Porterville
 Hallman, E. G. (C. Sp.) Los Angeles
 Hallman, Lillian (C. Sp.) Los Angeles
 Hallock, L. G. (D. 2) Los Angeles
 Halloran, Peggy (L. 2) Los Angeles
 Halsey, Katherine A. (L.A. Sp.).....
 Long Beach
 Halverson, H. (C. Sp.) Los Angeles
 Hamilton, Douglas (M. Sp.) Los Angeles

Hamilton, May Irene (History H.S.)
 Los Angeles
 A.B., Southern California, 1921.
 Hamilton, John, Jr. (L. 2).....Pasadena
 Hamilton, P. H. (D. 3).....Pasadena
 Hamilton, Vernon R. (L. 2).....Ontario
 Hamlin, H. S. (D. 3).....Los Angeles
 Hamlon, Elizabeth G. (L.A. Sp.).....
 Ocean Park
 Hammack, Harold N. (L. 3).....Hinley
 Hammon, Clare (C. 1).....Los Angeles
 Hammond, Doris (L.A. 1).....
 South Pasadena
 Hampton, Ellis C. (L.A. 1).....Chino
 Hampton, Geo. L. (L. 1).....Los Angeles
 Hanbery, John S. (L.A. 4).....Long Beach
 Hancock, H. R. (D. 2).....Los Angeles
 Hancock, W. G. (D. 3).....Los Angeles
 Hand, Raymond (M. Sp.).....Los Angeles
 Handley, J. T. (C. Sp.).....Los Angeles
 Handy, C. (P. 2).....Los Angeles
 Haney, C. (C. Sp.).....Los Angeles
 Hankins, Eton E. (D. 1).....Los Angeles
 Hanly, J. C. (D. 3).....Los Angeles
 Hanlon, Thomas P. (L. 3).....Los Angeles
 Hansen, Franklin B. (L. 2).....Los Angeles
 Hansen, H. E. (D. 1).....Fresno
 Hanson, F. P. (C. Sp.).....Los Angeles
 Hanson, Garland (R. Sp.).....Los Angeles
 Hanson, Helen H. (L.A. 1).....Los Angeles
 Hanson, Mrs. M. Alice (L.A. Sp.).....
 Los Angeles
 Hanson, Nellie T. (S. 1; L.A. Sp.).....
 Los Angeles
 Harada, Tye (Economics Gr.).....
 Los Angeles
 L.L.B., Doshisha University, Japan.
 Haraszthy, Everett A. (C. 1).....
 Los Angeles
 Harbart, W. C. F. (D. 2).....Los Angeles
 Harcourt, Hazella (M. Sp.).....Inglewood
 Hard, Mrs. Bessie O. (M. Sp.).....
 Long Beach
 Hardacre, R. B. (C. Sp.).....Los Angeles
 Harder, Gertrude (M. Sp.).....Long Beach
 Hardin, Harry (M. Sp.).....Los Angeles
 Hardin, Kathryn L. (L.A. 3).....
 Los Angeles
 Hardin, Ulla C. (L.A. Sp.).....
 Ft. Smith, Ark.
 Harding, Hazel J. (Education H.S.).....
 Los Angeles
 A.B., Albion College, 1920.
 Harding, John J. (L. Sp.).....Los Angeles
 Hardy, Oliver C. (L. 3).....Los Angeles
 Hargrove, Larkin F. (L.A. Sp.).....
 Bucholts, Tex.
 Harker, Robert A. (L.A. 3).....
 Los Angeles
 Harley, J. Eugene (L. 1).....Los Angeles
 Harmon, R. L. (D. 1).....Santa Ana
 Harmon, Wm. M. (L. 3).....
 Parsons, W. Va.
 Harms, Robert H. (L. 3).....Los Angeles

Harpster, Dwight L. (Economics Gr.)
 Anaheim
 A.B., College of Pacific, 1921.
 Harpster, Helen (L.A. 1).....Los Angeles
 Harpster, Karl Edwin (History H.S.)
 Anaheim
 A.B., Southern California, 1920.
 Harrell, John A. (L.A. 4).....Troy, N. C.
 Harrell, L. W. (D. 3).....Los Angeles
 Harris, Ben E. (L.A. 1).....
 Spokane, Wash.
 Harris, Harold Vernon (History Gr.)
 Los Angeles
 A.B., Southern California, 1921.
 Harris, Mabel E. (L.A. 2).....Pasadena
 Harris, Nelson M. (L. 2).....Los Angeles
 Harris, May (L.A. 3).....Los Angeles
 Harris, Mildred (L.A. 1).....Fresno
 Harris, R. A. (C. Sp.).....Los Angeles
 Harrison, C. M. (C. Sp.).....Los Angeles
 Harrison, Fred W. (L. 1).....Los Angeles
 Harrison, Genevieve (C. Sp.).....
 Los Angeles
 Harrison, Helen (M. Sp.).....Los Angeles
 Harrison, J. W. (D. 2).....Long Beach
 Harrison, LaVerne (L.A. 3; S. 3).....
 Santa Paula
 Harrison, Fred W. (L. 1).....Los Angeles
 Harrison, Margie (M. Sp.).....Arkansas
 Harrison, Ruth E. (L.A. 4).....
 Santa Paula
 Harrison, S. W. (D. 2).....San Francisco
 Harrison, Thos. J. (L.A. 1).....
 Santa Paula
 Harrison, Wm. L. (C. Sp.).....Los Angeles
 Harshman, Jeanette (L.A. 1).....
 Los Angeles
 Hart, A. J. (C. Sp.).....Los Angeles
 Hart, Frauline (L.A. 2).....Los Angeles
 Hart, H. P. (D. 3).....Pt. Huron, Mich.
 Hart, Walter S. (P. 1; L.A. Sp.).....
 Los Angeles
 Hartford, Emile A. (L. 3).....Los Angeles
 Hartley, A. Marion (L.A. 3).....
 Huntington Park
 Hartley, James D. (D. 1).....San Diego
 Hartman, E. A. (C. Sp.).....Los Angeles
 Hartranft, Marshall (S. 1; C. 1).....
 Los Angeles
 Harvey, Mrs. F. A. (M. Sp.).....
 Los Angeles
 Harvey, Geo. B. (L. 2).....Los Angeles
 Harvey, Milburn G. (L. 2).....Santa Ana
 Harvey, Mildred Fern (English Gr.)
 Fullerton
 A.B., University of Manitoba, 1913.
 Harvey, Thaddeus P. (L.A. Sp.; M.
 Sp.).....Los Angeles
 Harwood, E. E. (C. Sp.).....Los Angeles
 Harwood, Wm. (C. Sp.).....Los Angeles
 Haselton, Scott E. (C. Sp.).....Los Angeles
 Haskell, Donald (C. 2).....Los Angeles
 Hasson, Elsie (C. 2).....Los Angeles
 Hastings, Lelen (L.A. 2).....Los Angeles
 Hatch, B. A. (L.A. 2).....Los Angeles
 Hattery, Miriam (L.A. 4).....Los Angeles

- Hatton, Miss L. H. (L.A. 4)..... Los Angeles
 Hauber, Marguerite (M. Gr.)..... Los Angeles
 Haun, Miss M. (P. 2)..... Los Angeles
 Haupt, Dorothea (History Gr.)..... Los Angeles
 A.B., Occidental College, 1921.
 Haupt, Rosaline E. (L.A. Sp.) Pasadena
 Hauser, Theodore (L. 1; L.A. Sp.)..... Los Angeles
 Hauser, W. Joseph (S. 1)..... Los Angeles
 Havermann, Ruth M. (L.A. 2)..... Woodburn, Ore.
 Hawkins, Harold (D. 1)..... Santa Monica
 Hawkins, Wm. G. (L.A. Sp.)..... Stephensport, Ky.
 Hawley, Bernice (L.A., M. Sp.; S. 1)..... Los Angeles
 Hay, Mildred E. (L.A. 2; M. Sp.)..... Bakersfield
 Hayes, Dudley (C. 3)..... Birmingham, Mich.
 Hayes, Katharine (L.A. 1)..... Los Angeles
 Hayhurst, Darrell E. (L.A. 3)..... Los Angeles
 Hayward, Lucy M. (L.A. 3) Los Angeles
 Hazeltine, A. M. (C. Sp.)..... Los Angeles
 Hazeltine, Herbena I. (L.A. 4)..... Los Angeles
 Hazelton, Earle F. (Physics A.M. H.S., Southern California, 1921. Pasadena
 Hazelton, Mildred M. (L.A. Sp.)..... Los Angeles
 Head, Charles (C. 1)..... Los Angeles
 Head, Daniel B. (L. 1)..... Los Angeles
 Head, Horace M. (L. 2)..... Santa Ana
 Heaney, W. W. (D. 1)..... Los Angeles
 Heard, Edna R. (L.A. M. Sp.)..... Santa Monica
 Hearn, Mrs. Theodora (M. Sp.)..... Los Angeles
 Heath, Edward B. (L.A. 2)..... Compton
 Heeb, Margaret L. (L.A. 3) Los Angeles
 Heffelfinger, Julianne (L.A. 2)..... Pasadena
 Heflinger, Lydia Elsie (Sociology Gr.)..... Los Angeles
 A.B., Southern California, 1920.
 Heichert, Murray B. (L.A. 4)..... Los Angeles
 Heid, Elizabeth (L.A. M. Sp.) Alhambra
 Heilman, F. J. (C. Sp.)..... Los Angeles
 Heineman, Lester (C. 1)..... Los Angeles
 Heinze, Mildred (L.A. 4)..... Los Angeles
 Helfand, Sophie (L.A. S. 1)..... Los Angeles
 Helk, John R. (D. 1)..... San Diego
 Hellberg, A. L. (C. Sp.)..... Los Angeles
 Hellekson, Violette M. (L.A. 3)..... Los Angeles
 Hemborg, Harold B. (L.A. 1)..... Riverside
 Hemme, Louis P. (D. 1)..... Pasadena
 Henderson, Alfred C. (D. 1)..... Barstow
 Henderson, Dorris R. (L.A. 1)..... Los Angeles
 Henderson, Ernest L. (C. Sp.)..... Los Angeles
 Henderson, Ernest W. (L.A. 4)..... Redlands
 Hendrock, Orra L. (L.A. 3)..... Artesia
 Hendricks, Hazel (L.A. 3)..... Los Angeles
 Hendricks, Robert (M. Sp.)..... Los Angeles
 Hendricks, W. W. (D. 1)..... Los Angeles
 Hendrix, Eva H. (L.A. Sp.) Culver City
 Hendry, Gordon (C. 1)..... San Diego
 Hendry, Robt. (C. 1)..... Lemon Grove
 Hennessey, Frank T. (L.A. 1)..... San Miguel
 Henninger, G. Ross (L.A. 4)..... Venice
 Henry, Mildred M. (L.A. 3)..... Los Angeles
 Henry, R. S. (D. 2)..... Los Angeles
 Henzgen, A. C. (D. 3)..... Los Angeles
 Hepler, Fern (L.A. 4)..... Los Angeles
 Herbert, Marian (S. Sp.)..... Los Angeles
 Herbert, Thomas (C. 1)..... Long Beach
 Herkelrath, Harry L. (L.A. 2)..... Los Angeles
 Herlihy, Bernard L. (L. 3)..... Los Angeles
 Herlihy, Henry F. (L.A. 1) Los Angeles
 Herlocker, Helen (M. Sp.)..... South Pasadena
 Herman, A. A. (L.A. 1)..... Huntington Park
 Herman, Ralph D. (L.A. 2)..... Sandusky, O.
 Herman, Rita (L.A. 2)..... Los Angeles
 Herman, Sarah (L.A. 3)..... Los Angeles
 Hernandez, Fernando R. (L.A. 1)..... Los Angeles
 Herndon, B. (P. 2)..... Los Angeles
 Herold, Frances G. (L.A. 2)..... Riverside
 Heron, Frances (L.A. 2)..... Los Angeles
 Herrell, A. B. (L.A. Sp.)..... Los Angeles
 Herring, Pauline (C. 1)..... Los Angeles
 Herrinton, Lois M. (L.A. 4)..... Watts
 Hertz, Jeannette M. (English A.M.)..... Los Angeles
 A.B., Southern California, 1912.
 Hervey, Edgar B. (L. 2)..... Los Angeles
 Hesketh, John A. (L.A. 1)..... Los Angeles
 Hess, Frank (P. 1)..... France
 Hess, H. L. (D. 4)..... Los Angeles
 Hess, James G. (L.A. 3)..... Los Angeles
 Hess, Kingsley (C. 2)..... Los Angeles
 Hester, Kathryn (M., L.A. 3)..... Los Angeles
 Hester, Orie L. (L.A. Sp.)..... Los Angeles
 Hesterberg, Edward J. (P. 1)..... Sedalia, Mo.
 Hewitt, Geo. W. (Chemistry, A.M.)..... Los Angeles
 A.B., Southern California, 1917.
 Heving, E. B. (D. 4)..... Anaheim
 Hibben, Lura (D. 1)..... Glendale
 Hichborn, Donald B. (L.A. 3)..... Los Angeles
 Hickman, Julian D. (L.A. Sp.)..... Long Beach

Hickman, Lester G. (P. 1).....
 Las Animas, Colo.
 Hickman, Marion (L.A. 1).....Santa Ana
 Hickox, Albert G. (D. 1).....Los Angeles
 Hicks, Geo. W. (C. Sp.).....Los Angeles
 Hicks, Gladys (L.A. 2; M. Sp.).....
 Los Angeles
 Hicks, Grace (M. Sp.).....Los Angeles
 Hicks, Mildred (L.A. 3; M. Sp.).....
 El Monte
 Hicks, R. H. (L.A. Sp.).....El Monte
 Hicks, Rachel (L.A., S. 2).....Los Angeles
 Hicks, R. S. (C. Sp.).....El Monte
 Hickson, Vincent C. (L. 3).....Los Angeles
 Hiatt, Forrest H. (L. 1).....San Diego
 Hiemenz, Bernard (L. 3).....Los Angeles
 Higgins, Elmer (Zoology, Gr.).....
 San Pedro
 A.B., Southern California, 1916.
 Higman, Betty (L.A. 1).....Los Angeles
 Hihn, Hugo E. (L.A. Sp.).....Long Beach
 Hild, Jack (L.A. 2; M. Sp.).....
 Douglas, Ariz.
 Hildreth, E. L. (D. 3).....Los Angeles
 Hile, John (C. 3).....Los Angeles
 Hiles, Leta S. (L.A. 2).....Los Angeles
 Hillebert, Elizabeth (L.A. 2).....
 Los Angeles
 Hillebert, Spencer M. (L.A. 1).....
 Los Angeles
 Hill, Benjamin W. (L.A. 1) Los Angeles
 Hill, Dorothy (M. Sp.).....Los Angeles
 Hill, Helen (L.A. 1).....Los Angeles
 Hill, Henry J. (L.A. 4).....
 Culbertson, Neb.
 Hill, J. W. (C. Sp.).....Los Angeles
 Hill, John (C. Sp.).....Los Angeles
 Hill, Margaret (M. Sp.).....Los Angeles
 Hill, Martha (L.A. 2).....Virginia, Minn.
 Hill, P. K. (D. 4).....Los Angeles
 Hill, Viola C. (Botany, A.M.).....
 Santa Ana
 A.B., University of Redlands, 1915.
 Hilliard, Lloyd B. (D. 1).....Los Angeles
 Hillier, Grace Ruth (Education, H.S.).....
 Long Beach
 A.B., Iowa State Teachers' College,
 1918.
 Hilm, Hugo (C. Sp.).....Los Angeles
 Hilton, Mrs. M. E. (M. Sp.).....
 Los Angeles
 Hilton, Warren (M. Sp.).....Los Angeles
 Himes, Mary E. (L.A. Sp.).....Pasadena
 Hinchman, Fred K. (English, H.S.).....
 Long Beach
 A.B., University of Colorado, 1912.
 Hines, Frank M. (L.A. Sp.).....Pasadena
 Hinger, Mabel R. (L.A. 4).....Los Angeles
 Hinman, Helen A. (L.A. 1).....
 Los Angeles
 Hinman, Lew (C. 1).....Los Angeles
 Hinricks, Fred (C. 3).....Orange
 Hiraoka, Kei (L.A. Sp.).....Los Angeles
 Hirt, Anna Louise (Mathematics,
 H.S.)..... Antigo, Wis.
 A.B., Lawrence College, 1917.

Hisao, Takayama (C. Sp.)...Los Angeles
 Hiss, Bernard G. (L. 3).....Los Angeles
 Hissong, Tillie (M. Sp.).....Los Angeles
 Hitson, C. H. (C. 3).....Los Angeles
 Hobart, Erwin (C. 2).....Los Angeles
 Hobson, Arthur G. (L.A. 2).....Pasadena
 Hockersmith, Earl (C. 3).....Los Angeles
 Hockett, Rachel O. (L.A. 4).....El Monte
 Hockett, Mrs. Sarah L. (L.A. Sp.)....
 El Monte
 Hodge, Jewel V. (D. 1).....Los Angeles
 Hodge, Lura V. (L.A. 2).....Los Angeles
 Hoefler, Jack (L.A. Sp.).....Los Angeles
 Hofer, C. (P. 2).....Laguna Beach
 Hofer, Mari R. (L.A. 4).....Santa Monica
 Hoff, P. B. (S. Sp.).....Los Angeles
 Hoffman, E. Dow (Religious Educ.,
 Gr.)..... Watts
 A.B., Southern California, 1919.
 Hoffman, Helen H. (L.A. 2; M. 3)....
 Huntington Park
 Hoffman, S. John M. (L.A. Sp.).....
 Des Moines, Ia.
 Hoffman, Wm. J. (C. Sp.)...Los Angeles
 Hogue, Gertrude (M. Sp.)...Los Angeles
 Hogue, Sinclair (C. 1).....Los Angeles
 Hoick, Evelyn Augusta (History,
 H.S.)..... Los Angeles
 A.B., Occidental College, 1921.
 Hoicen, R. M. (D. 4).....Covina
 Hoist, John R. (L.A. Sp.)...Los Angeles
 Hoist, W. H. (L.A. 4).....Los Angeles
 Holcomb, Marie (C. Sp.).....Los Angeles
 Holden, Margaret (M. Sp.)...Los Angeles
 Holdereque, Yolande E. R. (L.A. 1)..
 Los Angeles
 Holland, Winifred C. (D. 1).....
 Los Angeles
 Holler, John (C. Sp.).....Los Angeles
 Hollingsworth, V. (P. 2).....Glendale
 Hollingsworth, W. I. (C. Sp.).....
 Los Angeles
 Hollis, C. J. (C. Sp.).....Los Angeles
 Hollister, I. (S. 1).....Pasadena
 Hollister, Isabel M. (L.A. 1).....Pasadena
 Hollister, Mildred (M. Sp.).....Venice
 Hollman, Julian (L.A. 1).....Los Angeles
 Holloway, Minnie (L.A. Sp.)...Pasadena
 Holm, H. J. (D. 4).....Auburn, Wash.
 Holm, B. Maryon (L.A. 3) Wells, Minn.
 Holman, Gladys R. (L.A. 4) Los Angeles
 Holmden, Winifred L. (Greek, A.M.)
 National City
 A.B., Walla Walla College, 1916.
 Holmes, Christine (L.A. Sp.).....
 Los Angeles
 Holmquist, Anna (C. Sp.)...Los Angeles
 Holnback, Nellie M. (L.A. 4).....
 Los Angeles
 Holt, Adele (M. Sp.).....Reedley
 Holt, D. R. (L.A. 1).....Los Angeles
 Holt, John (C. Sp.).....Los Angeles
 Holt, John L. (L. 2).....Los Angeles
 Holt, Mildred M. (L.A. 1).....Los Angeles
 Holton, Harry E. (L.A. 2).....Los Angeles
 Hong, You Chung (L. 2).....Los Angeles

- Hood, Mrs. Lola A. (L.A. Sp.).....Long Beach
 Hoogner, Edna V. (L.A. 3).....Santa Monica
 Hooper, Doris L. (L.A. 1).....Los Angeles
 Hooper, Herbert D. (L.A. 4).....Sultana
 Hooten, Aileen (L.A. Sp.).....Venice
 Hoover, Joshua Elvin (Physics, Gr.).....Pasadena
 Ph.B., Taylor University, 1907.
 Hoover, Ruth (L.A. 1; M. Sp.).....Parlier
 Hoover, Viola M. (L.A. 1).....Los Angeles
 Hope, Richard (S. Sp.).....Los Angeles
 Hope, Richard J. W. (Philosophy, A.M.).....W. De Pue, Wis.
 A.B., Concordia College, 1913.
 Hopkins, Bessie G. (L.A. 3) Los Angeles
 Hopkins, Joe T. (P. 1).....Los Angeles
 Hopkins, John B. (D. 2).....Fresno
 Hopkins, Ruth M. (L.A. 4) Los Angeles
 Hopper, Harold C. (L. 1).....Los Angeles
 Horenburg, Katherine (L.A. 1).....Los Angeles
 Hori, T. (L.A.; S. 3).....Sawtelle
 Horn, A. E. (D. 2).....Los Angeles
 Horowitz, M. (D. 3).....Venice
 Horowitz, Solomon (D. 2).....Los Angeles
 Horton, Clara (L.A. 1).....Los Angeles
 Horton, Donna (M. Sp.).....Los Angeles
 Horton, Herbert (L.A. 4).....Long Beach
 Horton, Joseph K. (L.A. 1; S. Sp.).....Los Angeles
 Horton, M. Olive (M. Sp.).....Los Angeles
 Hostetter, Ella (L.A. 3).....Los Angeles
 Hoswell, Doris (M. Sp.).....Los Angeles
 Hotchkiss, Mabel Lucile (Mathematics, H.S.).....Los Angeles
 A.B., University of Redlands, 1921.
 Houdashelt, Virginia (M. Sp.).....Los Angeles
 Houghton, Vera A. (L.A.; M. Sp.).....Corning
 House, Rodney A. (P. 1).....Chicago
 Howard, Ida Elizabeth (Spanish, A.M.).....Kansas City, Mo.
 B.L., University of Missouri, 1899.
 Howard, Joseph (L. 1).....Los Angeles
 Howard, Margaret L. (L.A. Sp.).....Ocean Park
 A.B., University of California, 1921.
 Howe, H. Josephine (L.A. 1).....Long Beach
 Howe, Helen G. (C. Sp.).....Los Angeles
 Howe, J. B. (C. Sp.).....Los Angeles
 Howell, Kenneth L. (Chemistry, Gr.).....Los Angeles
 A.B., Southern California, 1920.
 Howell, Marjorie P. (Chemistry, A.M. H.S.).....Los Angeles
 A.B., Southern California, 1921.
 Howes, Edgar T. (L.A. 3).....Los Angeles
 Hoxie, Robert O. (L.A. 1).....Los Angeles
 Hoyt, Bernhard L. (L. 1).....Anaheim
 Hoyt, Linwood H. (L.A. 3; S. Sp.).....Riverside
 Hsia, S. C. (L. A. 1).....Hangchow, China
 Hsu, Alexander (C. 3).....Los Angeles
 Hubbard, Ellen (M. Sp.).....Los Angeles
 Hubbard, H. L. (C. Sp.).....Los Angeles
 Hubbard, H. N. (L.A. 4).....San Fernando
 Hubbard, Terva (L.A. 1).....Maricopa
 Hubbs, Clyde (C. 2).....Los Angeles
 Hubert, R. W. (D. 3).....Bellflower
 Hudson, Ruth (L.A.; S. 1).....Los Angeles
 Hudson, Jessie M. (C. Sp.) Los Angeles
 Huebner, Helen (L.A. 1).....Holtville
 Huebner, Herbert (M. Sp.; L.A. 2).....Fresno
 Huebner, Mary (L.A. 2).....Holtville
 Huebner, Paul F. (Religious Educ., A.M.).....York, Neb.
 A.B., Nebraska Wesleyan, 1919.
 Huff, Ethel W. (L.A. 1).....Alhambra
 Huff, Helen J. (L.A. 3).....Alhambra
 Hughes, Aden W. (L.A. 1).....Inglewood
 Hughes, E. E. (C. Sp.).....Los Angeles
 Hughes, Mrs. Elizabeth (L.A., 4; S. Sp.).....Oroville
 Hughes, Hal D. (L. 3).....Los Angeles
 Hulett, Mary J. (L.A. 1).....Phoenix, Ariz.
 Hull, Denzil C. (L.A. 1).....Los Angeles
 Huls, T. D. (D. 2).....San Bernardino
 Hume, Georgia M. (L.A. 4) Los Angeles
 Hummel, Joseph (C. Sp.).....Los Angeles
 Humphrey, Howard (C. 2).....Los Angeles
 Humphreys, Elsie L. (L.A. Sp.).....San Francisco
 Hunkins, W. B. (C. Sp.).....Los Angeles
 Hunt, A. H. (L.A. 1).....Los Angeles
 Hunt, Clarence S. (L.A. 1).....Inglewood
 Hunt, Gale Wilbur (Zoology, H.S.).....Los Angeles
 A.B., Southern California, 1921.
 Hunt, Lucile (L.A. 2).....Pasadena
 Hunter, Adda W. (L.A. 4).....Los Angeles
 Hunter, H. G. (L.A. Sp.).....Los Angeles
 Hunter, Harold J. (L. 1).....Los Angeles
 Hunter, Keith (C. Sp.; L. 2).....Redlands
 Hunter, Margaret M. (L.A. 3).....Los Angeles
 Hunter, Stuart (C. Sp.).....Los Angeles
 Huntington, J. C. (D. 1).....Los Angeles
 Hurley, Anna Cleo (Latin, A.M.).....Los Angeles
 A.B., Iowa State Teachers' College, 1913.
 Hurley, Cornelius (Economics, H.S.).....Albion
 A.B., University of California, 1920.
 Hurley, Harold (C., M. Sp.).....Los Angeles
 Hurley, Milas L. (L.A. 2).....Tucumcari, N. M.
 Hurt, Leon J. (L.A. Sp.).....Chanute, Kans.
 Hurwitz, C. (P. 2).....Los Angeles
 Huston, Jack B. (C. 1).....Los Angeles
 Huston, J. Guy (C. 1).....Los Angeles
 Huston, Lucy F. (L. 1).....Los Angeles

- Hutcheson, Dorothy (M. Sp.).....Los Angeles
Hutchins, Robert (C. 1).....Alhambra
Hutchinson, Dorothy (L.A. Sp.).....Los Angeles
Hutchinson, Joseph P. (L.A. Sp.).....Chicago
Hutchinson, Odessa (L.A. 1).....Los Angeles
Hutt, James H. (C. Sp.).....Los Angeles
Hyne, James C. (L. 1).....Los Angeles
Iams, Thomas (C. 3).....Pasadena
Ibbetson, Hugh E. (L.A. 2).....Los Angeles
Iberson, Pauline (L.A. 1).....Los Angeles
Ignatius, George (C. Sp.).....Los Angeles
Igo, Jerome A. (L.A. 3).....Los Angeles
Imbler, Alpha (C. 1).....Covina
Imus, D. (P. 2).....Los Angeles
Inale, Edward J. (L.A. Sp.).....Los Angeles
Ingalls, W. R. (D. 3).....Los Angeles
Ingersoll, Katherine L. (L.A. Sp.).....Los Angeles
Ingham, Clara (M. Sp.).....Monrovia
Ingram, Alice M. (L.A. 2; S. Sp.).....Anaheim
Inman, Grace (M. Sp.).....Los Angeles
Inman, Ruth (L.A. 4).....Los Angeles
Inouye, Kazu (L.A. 1).....Los Angeles
Invi, Kiyo Sue (Political Sci. A.M.).....Los Angeles
A.B. University of Michigan. 1906.
Inui, Lucille I. (L.A. 2).....Los Angeles
Irvine, Cecilia R. (History, Gr.).....Eagle Rock
A.B., Southern California, 1915.
Irving, G. (P. 1).....Glendale
Irwin, Madge (L.A. 1).....Los Angeles
Irwin, Miriam (L.A. 4).....Los Angeles
Irwin, Quentin (P. 1).....Santa Monica
Ishell, Scott L. (L.A. Sp.).....Los Angeles
Isber, M. (D. 1; C. 1).....Miami, Ariz.
Ishikawa, F. (P. 2).....Los Angeles
Ishikawa, K. (L.A. Sp.).....Los Angeles
Isono, Tauchi (D. 1).....Los Angeles
Ives, Mrs. Anna W. (L.A. Sp.).....Alhambra
Ives, Annette C. (French, A.M.).....Alhambra
A.B., Southern California, 1920.
Ives, R. R. (C. Sp.).....Los Angeles
Iwanaga, Kiichi (L. 2).....Honolulu, T. H.
Jackman, H. Berdine (L.A. 2).....Los Angeles
Jackson, Andrew (L. 1).....Los Angeles
Jackson, Bern A. (C. 3).....Berkeley
Jackson, Luella (L.A. Sp.).....Venice
Jackson, Luke (L.A. 3).....Los Angeles
Jacob, Maude A. (L.A. 3).....Los Angeles
Jacobs, Hilda L. (L.A. 3).....Higginsport, O.
Jacobsen, R. (D. 4).....Lancaster, O.
Jacobson, Bennie (P. 1).....Los Angeles
Jacobson, Dena (L. 3).....Los Angeles
Jacobson, Hazel (L.A. 2).....Los Angeles
Jacoby, Arthur D. (L.A. 4) Los Angeles
Jacques, C. W. (D. 1).....Los Angeles
James, E. Fern (L.A. Sp).....Los Angeles
James, Edward (Religious Educ., A.M.).....Nanking, China
A.B., Lawrence College, 1896.
James, Everett R. (L. 3).....Los Angeles
Jameson, R. R. (C. Sp.).....Los Angeles
Jamieson, Wesley D. (Latin, H.S.).....Los Angeles
A.B., Southern California, 1921.
Jamison, James H. (L.A. Sp.).....Los Angeles
Jangochian, Sybil (L.A. 1).....Glendale
Janney, C. Max (P. 1).....Santa Barbara
Janney, Kent (C. Sp.).....Los Angeles
Janssen, Virginia H. (L.A. 2).....Pasadena
Jebian, Leon B. (L.A. 4).....Los Angeles
Jellineck, W. R. (C. Sp.).....Los Angeles
Jellison, Roy C. (L.A. 2).....Los Angeles
Jenke, H. (P. 2).....Los Angeles
Jenkins, Fred H. (L.A. 1).....Santa Paula
Jennings, Florence (L.A. Sp.).....Huntington Park
Jensen, Coral E. (L.A. 4).....Los Angeles
Jessen, Lowell E. (L.A. 3).....Gardena
Jessurun, Jeanette (M. Sp.).....Anaheim
Jimeno, James (L.A. Sp.).....Los Angeles
Jimenez, Oscar (L.A. 3).....Long Beach
Joannes, Therese H. (L.A. 1).....Los Angeles
Johns, Thos. H. (D. 2).....Victoria, B. C.
Johnson, Agnes (L.A. 4).....Alhambra
Johnson, Alie B. (L.A. 3).....Los Angeles
Johnson, Bede A. (L.A. Sp.).....Los Angeles
Johnson, Bonita (C. 1).....Globe, Ariz.
Johnson, Mrs. C. J. (P. 1).....Los Angeles
Johnson, C. W. (D. 3).....Los Angeles
Johnson, Clarence (M. Sp.).....Los Angeles
Johnson, Darius F. (L. 3).....Los Angeles
Johnson, Mrs. Della (M. Sp.).....Glendale
Johnson, Elizabeth C. (L.A. 1).....Deming, N. M.
Johnson, Emilie (L.A. 2).....Modesto
Johnson, Frank (C. 1).....Long Beach
Johnson, G. G. B. (D. 4).....Blaine, Wash.
Johnson, H. W. (C. Sp.).....Los Angeles
Johnson, Irma J. (L.A., M. Sp.).....Los Angeles
Johnson, Iva (C. 1).....Los Angeles
Johnson, Ivan (L. 1; L.A. 1).....Los Angeles
Johnson, J. K. (D. 3).....Kansas City, Mo.
Johnson, J. M. (C. Sp.).....Los Angeles
Johnson, Jean (L. 1).....Los Angeles
Johnson, Leonard (C. Sp.).....Los Angeles
Johnson, L. F. (C. Sp.).....Los Angeles
Johnson, Lyman (C. 2).....Riverside
Johnson, Marguerite (L.A. 2).....Modesto
Johnson, Mary E. (History, Gr.).....Los Angeles
University of California.
Johnson, Perry R. (P. 3; L.A. Sp.).....Los Angeles
Johnson, Reed P. (P. 1).....Whittier

- Johnson, Roy Delbert (Latin, A.M. H.S.).....Los Angeles
A.B., Southern California, 1921.
- Johnson, Wm. W. (L. 1).....Long Beach
- Johnston, Anna (C. Sp.).....Los Angeles
- Johnston, Kathleen G. (M. Sp.).....
Los Angeles
- Johnston, Lester O. (L. 1).....Los Angeles
- Johnston, Philip (L.A. 2).....
Huntington Park
- Johnstone, Cleo (M. Sp.).....Los Angeles
- Jonas, Percy (L.A. Sp.).....Santa Monica
- Jones, Alma M. (L. 2).....
Albuquerque, N. M.
- Jones, Arthur (C. 1).....Pasadena
- Jones, Charles (L.A. 1; C. 1).....
Los Angeles
- Jones, Florence (M. 4).....El Monte
- Jones, Florence G. (L.A. 2) Los Angeles
- Jones, Francis C. (L. 2).....Los Angeles
- Jones, H. A. B. (D. 2).....Los Angeles
- Jones, Jonah, Jr. (L. 1).....Long Beach
- Jones, Katherine (L.A., S. Sp.).....
Winslow, Ariz.
- Jones, Kenneth B. (L.A. 1) Los Angeles
- Jones, Leila L. (L.A. 1).....
Montpelier, Ida.
- Jones, Marguerita (C. Sp.).....Los Angeles
- Jones, Maurice C. (C. 2; L. 1).....Azusa
- Jones, Mary S. (L.A.; S. Sp.).....Azusa
- Jones, Mildred M. (L.A. 2) Los Angeles
- Jones, Morey F. (C. 2).....Visalia
- Jones, Nola A. (L.A. 1).....Alhambra
- Jones, Ruth E. (L.A. 4).....Pasadena
- Jones, Ruth M. (L.A. 3).....Santa Monica
- Jones, Thos. P. B. (L.A. Sp.).....
Los Angeles
- Jones, Virginia (M. Sp.).....Los Angeles
- Jones, Wilbur (C. 1).....Los Angeles
- Jones, Wm. Boice (L.A. 3).....Long Beach
- Jones, Wm. J. (L.A. 1).....Terra Bella
- Jones, W. M. (L. 2).....Los Angeles
- Joplin, Marion E. (L.A. 4).....Los Angeles
- Jordan, Alice (M. Sp.).....Los Angeles
- Jordan, E. (P. 2).....Los Angeles
- Jordan, Ione (M. Sp.).....Los Angeles
- Jordan, Willard T. (C. 2).....
Hagerstown, Ind.
- Jordon, Carlos (C. 1).....Lindsay
- Jorgensen, John (L.A. 1).....Ocean Park
- Jornes, Rosaleen (L.A. 3).....Los Angeles
- Joseph, Bertha B. (L.A. 4; L. 1).....
Los Angeles
- Joseph, Greg G. (L.A. Sp.).....Los Angeles
- Joslin, Clarence E. (L.A. 4) Los Angeles
- Joslin, Marian (C. 2).....Los Angeles
- Josten, Beatrice E. (L.A. 1) Los Angeles
- Juckett, Anson E. (L.A. Sp.).....
Los Angeles
- Judd, Esther F. (M., L.A. Sp.).....Hemet
- Judson, Ernest N. (L.A. 1).....Escondido
- Judson, Harold W. (L. 1).....Los Angeles
- Jump, Mary E. (L.A. Sp.).....Oakland
- Jung, Miss M. L. (D. 1).....Ontario
- Justice, R. M. (D. 3).....Ashland, Ky.
- Juvinall, Cordelia L. (L.A. 3).....Monrovia
- Juvinall, Gladys Marie (History, A.M., H.S.).....Monrovia
A.B., Southern California, 1920.
- Kadley, Chas. W. (L. 1).....Monrovia
- Kaems, Lester L. (L.A. Sp.).....San Pedro
- Kagarise, L. R. (C. Sp.).....Los Angeles
- Kahaleanu, John K. (D. 1).....Los Angeles
- Kahlert, Chas. G. (L.A. 1).....Los Angeles
- Kahn, Lillian M. (L.A. 1).....Los Angeles
- Kai, James Lee (D. 1).....Los Angeles
- Kaiser, Bernice (L.A., M. Sp.).....
Glendale
- Kaley, Chas. R. (L.A. 2).....Los Angeles
- Kameyama, Yayoi (L.A. Sp.).....
Los Angeles
- Kamii, Yosio (L.A. 4).....Japan
- Kanow, Taro (L.A. 3).....Long Beach
- Kanouse, Florence (L.A. Sp.).....
Los Angeles
- Karcher, Geo. H. (L. Sp.).....Los Angeles
- Karr, Mrs. Clea B. (L.A. Sp.).....
El Segundo
- Karr, Mrs. W. H. (S. Sp.).....El Segundo
- Karstin, E. E. (C. Sp.).....Los Angeles
- Karth, Lois (M. Sp.).....Los Angeles
- Karth, Opal L. (L.A. 2).....Los Angeles
- Kato, Kathleen S. (L.A. 1).....
Los Angeles
- Kaufman, Ralph (C. 2).....Trenton, Ill.
- Kawasaki, A. (S., L.A. Sp.).....
Hilo, Hawaii
- Kawii, S. (D. 3).....Nigoto, Japan
- Kaylor, Rex H. (L.A. Sp.).....Long Beach
- Keagle, Chas. L. (L.A. 2).....
Pt. Allegany, Pa.
- Keck, Maurice (C. Sp.).....Los Angeles
- Keebler, Howard I. (L.A. 1).....
Los Angeles
- Keeling, Harry B. (L.A. 2).....
Los Angeles
- Keeper, Kenneth (L. 2).....Pasadena
- Keim, Lorraine (L.A. 1).....Los Angeles
- Keipp, Chas. (M. Sp.).....Los Angeles
- Keislar, Mott (Psychology, Gr.).....
Los Angeles
- A.B., Cornell College, 1899.
- Kellar, Florence (M. Sp.).....Los Angeles
- Kelleher, James V. (L.A. Sp.).....
Los Angeles
- Keller, G. M. (C. 1).....Cloquet, Minn.
- Kellogg, Francis (L.A., S. Sp.).....
Los Angeles
- Kellogg, Thelma (M. Sp.).....
Santa Barbara
- Kelloway, N. W. (C. Sp.).....Los Angeles
- Kelly, Bernice (C. 2).....Los Angeles
- Kelly, Florence M. (L.A. 4).....
Los Angeles
- Kelly, Grace S. (L.A. 3).....So. Pasadena
- Kelly, J. G. (C. Sp.).....Los Angeles
- Kelly, J. L. (C. Sp.).....Los Angeles
- Kelly, Margaret (History, Gr.).....
Los Angeles
- A.B. University of Minnesota, 1914.
- Kelly, Shirley (M. Sp.).....Los Angeles
- Kelso, Ivan (L. Sp.).....Los Angeles
- Kelso, Rose (M. Sp.).....Los Angeles

- Kemp, Elizabeth (L.A. 2; S. Sp.)..... Los Angeles
 Kemp, George W. (L. 3).....Anaheim
 Kemp, J. L. (C. Sp.)..... Los Angeles
 Kempfert, F. L. (P. 1).....Appleton, Wis.
 Kendall, G. W. (C. Sp.)..... Los Angeles
 Kennedy, Beryl (History, Gr.).....
 A.B. Southern California, 1921.
 Kennedy, Harry D. (L.A. 2).....
 Los Angeles
 Kennedy, Kenneth (C. 2)..... Los Angeles
 Kennedy, Lucile (L.A. 2)..... Los Angeles
 Kennicott, Jane (M. Sp.)..... Arizona
 Kent, A. H. (L. 1)..... Los Angeles
 Kent, A. L. (C. Sp.)..... Los Angeles
 Kent, Dorothy B. (L.A. Sp.).....
 Los Angeles
 Kepheart, W. D. (C. Sp.)..... Los Angeles
 Keran, Margaret A. (L.A. 3).....
 Los Angeles
 Kerlin, James (S. Sp.)..... Los Angeles
 Kern, Faye (S. 4)..... Anaheim
 Kern, Lewis G. (P. 1)..... Los Angeles
 Kerr, D. W. (D. 1)..... Los Angeles
 Kerr, J. A. H. (C. Sp.)..... Los Angeles
 Kerslake, Geo. (C. 2)..... Los Angeles
 Kessel, H. J. (C. Sp.)..... Los Angeles
 Kesson, Glenn S. (L.A. Sp.).....
 Denver, Colo.
 Ketchum, Lester F. (Religious Ed.,
 A. M.)..... Los Angeles
 A.B., Southwestern College, 1919.
 Ketchum, Noble L. (L.A. Sp.).....
 Los Angeles
 Ketelson, Abbie B. (L.A. 2).....
 San Gabriel
 Keyes, Frank (D. 1)..... Los Angeles
 Keyser, Edith (M. Sp.)..... Los Angeles
 Kibby, D. Y. (C. Sp.)..... Los Angeles
 Kibby, Mrs. Edith B. (L.A. 3).....
 Los Angeles
 Kiefer, P. (C. Sp.)..... Los Angeles
 Kilhan, A. (P. 2)..... Redondo Beach
 Killgore, Jason S. (L.A. 1)..... Glendale
 Killgore, William (M. Sp.).....
 Los Angeles
 Killion, George (L.A. Sp.)..... San Diego
 Kilshaw, G. (C. Sp.)..... Los Angeles
 Kimball, Susan (L.A. 2, Sp.).....
 Los Angeles
 Kimball, R. H. (C. Sp.)..... Los Angeles
 Kimoto, Toyosuke (C. 1).....
 Yamacuchi, Japan
 Kincaid, Howard (C. 3)..... Cucamonga
 Kincheloe, William S. (L.A. 1).....
 Los Angeles
 Kinder, Evelyn (M. Sp.)..... Los Angeles
 Kinder, Katherine E. (L.A. 2).....
 Los Angeles
 King, Agnes B. (L.A. 4)..... Fillmore
 King, Alice V. (L.A. 3)..... Los Angeles
 King, Alta R. (L.A. 1)..... Palms
 King, Dorothy (M. Sp.)..... Palms
 King, Ethel W. (History, H. S.).....
 Whittier
 A.B., Whittier College, 1918.
 King, Grace B. (L.A. Sp.)..... Los Angeles
 King, Joe (C. 2)..... Los Angeles
 King, Kenneth A. (L.A. 4)..... Orange
 King, Mary E. (L.A. 1)..... Los Angeles
 King, Oscar (L.A. 2, S. Sp.).....
 Los Angeles
 King, Phillip (P. 1)..... Spokane, Wash.
 King, Waldo J. (L.A. 2)..... Los Angeles
 King, Winifred E. (L.A. 4).....
 Madras, India
 Kingman, John (L.A. 1)..... China
 Kenneth, Don E. (L.A. 1)..... Los Angeles
 Kinoshita, Reigyu (L.A. Sp.).....
 Los Angeles
 Kinsella, Katherine (L.A. Sp.).....
 Lowell, Ariz.
 Kinsey, Ralph (L. 3)..... Los Angeles
 Kipf, Paul A. (L. 2)..... Riverside
 Kipp, Marjorie (L.A. 1)..... Los Angeles
 Kirk, Helen V. (L.A. 1)..... Los Angeles
 Kirker, A. M. (C. Sp.)..... Los Angeles
 Kirker, Marguerite (L.A. 1).....
 Los Angeles
 Kirkland, Bertha (L.A., M. Sp.).....
 Phoenix, Ariz.
 Kirkpatrick, Willard (C. 1).....
 Los Angeles
 Kirshen, H. W. (D. 3)..... Butte, Mont.
 Kiss, Geza J. (P. 1)..... San Bernardino
 Kissinger, Eliz. H. (L.A. 1).....
 Los Angeles
 Kistner, Joyce (L.A. 2)..... Ontario
 Kitchin, Harry L. (L.A. 2).....
 Seattle, Wash.
 Kiyoshii, Ishikawa (L.A. 2).....
 Los Angeles
 Klamrath, Henrietta (L.A. 1).....
 Bellflower
 Klamrath, Louis E. (L.A. 3).....
 Bellflower
 Klassen, J. C. (D. 3)..... Los Angeles
 Klein, E. E. (C. Sp.)..... Los Angeles
 Klein, John (C. Sp.)..... Los Angeles
 Klein, Sam (P. 1)..... Los Angeles
 Kline, Jessie M. (M. Sp.)..... Los Angeles
 Kline, Mortimer A. (L. 3)..... Los Angeles
 Klusman, Gertrude E. (L.A. 3).....
 Sultana
 Kluth, P. J. (R. Sp.)..... Los Angeles
 Knape, Elsa F. (Education, H. S.).....
 Gardena
 A.B., Southern California, 1920.
 Knapp, Edith R. (L.A. Sp.).....
 Los Angeles
 Knapp, Jane (M. Sp.)..... Los Angeles
 Knapp, Kathleen E. (L.A. 1).....
 San Bernardino
 Knapp, Veda (M. Sp.)..... Glendale
 Knauf, Katharine L. (L.A. Sp.).....
 Winona, Minn.
 Kniaeff, Vasily D. (L.A. 2)..... China
 Kniss, Clay P. (D. 1)..... Long Beach
 Knoch, Olive A. (L.A. 1)..... La Verne
 Knoles, Fred (C. 3)..... San Bernardino
 Knoles, Lorraine (History, A. M. H.
 S.)..... Los Angeles
 A.B., College of Pacific, 1921.
 Knowles, L. E. (D. 3).....
 Salt Lake City, Utah

- Knotts, Paul (C. Sp.).....Los Angeles
 Knox, Claude (C. 3).....Monrovia
 Knox, Edith (M. Sp.).....Los Angeles
 Knox, Raymond (M. Sp.).....Los Angeles
 Koch, Ed R. (C. Sp.).....Los Angeles
 Koch, Victor E. (L. 3).....Los Angeles
 Koehler, Gretchen E. (L.A. 1).....Los Angeles
 Koehler, Helen B. (L.A. Sp.).....Los Angeles
 Kohmer, F. F. (C. Sp.).....Los Angeles
 Koke, Edythe L. (L.A. 1).....Los Angeles
 Kolesoff, Serge J. (L.A. 2).....China
 Kono, Mitiyose (L.A. 1).....Los Angeles
 Korn, Esther (M. Sp.).....Los Angeles
 Korn, Myrtle (M. Sp.).....Los Angeles
 Kramer, Joe (C. Sp.).....Los Angeles
 Kramer, Louise (M. Sp.).....Los Angeles
 Kranz, Frank (C. 4).....Los Angeles
 Kraus, O. K. (C. Sp.).....Los Angeles
 Krause, Cora S. (L.A. Sp.).....Los Angeles
 Krauth, Kurt H. (L. 3).....Hebron, N. D.
 Kreger, Louise M. (French, H. S.).....Wyandotta, Mich.
 A.B., University of Michigan, 1919.
 Krengel, Glondina (M. Sp.).....Los Angeles
 Kring, L. H. (C. Sp.).....Los Angeles
 Kripp, Chando (C. 4).....Karachi, India
 Krisel, W. (L.A. 1, S. Sp.).....Los Angeles
 Krueger, Ralph (C. 1).....Covina
 Kruell, H. A. (D. 3).....Los Angeles
 Krug, Milton (L. 1).....Los Angeles
 Kubly, Harry (C. Sp.).....Los Angeles
 Kuchel, Theodora B. (L.A. 2).....Anaheim
 Kuehny, M. S. (L.A. Sp.).....Glendale
 Kueneman, B. M. (C. Sp.).....Los Angeles
 Kuhnle, Iris (M. Sp.).....Los Angeles
 Kuhns, Grant W. (L.A. 4).....Los Angeles
 Kuhrts, Jack (C. 2).....Los Angeles
 Kunny, Margaret (C. Sp.).....Los Angeles
 Kurihara, Frank S. (C. 2).....Visalia
 Kurokawa, Kenjyo (Religious Ed., Gr.).....Los Angeles
 A.B., Buddhist University, 1913.
 Kustoff, Michael I. (L. 1).....Pasadena
 Kusomoti, Shigeo (P. 1).....Kumamoto, Japan
 Kurtzman, John (P. 1).....Los Angeles
 Kvitky, Nathan (D. 1).....Los Angeles
 Kyer, F. T. (C. Sp.).....Los Angeles
 Kyle, H. F. (L.A. 1).....Los Angeles
 Kyly, John F. (L.A. 1).....Los Angeles
 Kynder, John (L. 1).....Los Angeles
 Lackey, Helen K. (Spanish, Gr.).....Los Angeles
 A.B., Southern California, 1918.
 Lacy, Dorothy B. (L.A. Sp.).....Portland, Ore.
 Lacy, Jasper (C. 4).....Los Angeles
 Lacy, Margaret I. (L.A. Sp.).....Los Angeles
 La de Veze, Frances M. (L.A. 2).....Spokane, Wash.
 Laidlaw, Jean H. (L.A. 4).....Los Angeles
 Laidlaw, Wm. C. (L.A. 2).....Pomona
 Laird, Nelson A. (L.A. Sp.).....So. Pasadena
 Laird, Ruth (L.A. 1).....Los Angeles
 Lake, Merrill E. (L.A. 2).....Burbank
 La Marche, Robt. J. (C. Sp.).....Los Angeles
 Lambert, Herbert W. (D. 1).....Los Angeles
 Lambert, John Y. L. (L. 1).....Los Angeles
 Lamoureux, Pauline (M. Sp.).....Los Angeles
 Lamport, Warren D. (C. Gr.).....Los Angeles
 A.B., Southern California, 1920.
 Landau, Lucy R. (English A. M., H. S.).....Los Angeles
 A.B., Southern California, 1921.
 Lande, Hannah (L. 2).....Los Angeles
 Landers, C. F. (L.A. 3).....Los Angeles
 Lane, Donald P. (L. 3).....Long Beach
 Lane, Dorothy (L.A. 3).....Los Angeles
 Lanfeld, Lucia E. (L.A. Sp.).....Bellflower
 Lang, Chas. B. (L. 1).....Los Angeles
 Langdon, Carter H. (C. Sp.).....Los Angeles
 Langdon, D. H. (C. Sp.).....Los Angeles
 Langdon, Oliver H. (L.A. Sp.).....Los Angeles
 Lange, Marcia L. (L.A. 3).....Havre, Mont.
 Langer, Joe (L.A. 2).....San Bernardino
 Langley, H. C. (L.A. 2).....Palms
 Langlois, Geneva (S. 3, L. A. Sp.).....Oakley, Idaho
 Laning, Emma M. (L.A. 2).....Los Angeles
 La Noue, Raymond G. (L. 3).....Los Angeles
 Lanterman, Frank (M. 3).....La Canada
 Lanterman, Lloyd S. (L.A. Sp.).....Los Angeles
 La Prade, Chester W. (L. 1).....Winslow, Ariz.
 Laraia, J. N. (D. 4).....Los Angeles
 Larkey, Geo. E. (L.A. Sp.).....Los Angeles
 Larkin, Clara E. (L.A. 2).....Los Angeles
 Larsen, Louise (L.A. 1).....Los Angeles
 Larson, Cora (M. Sp.).....Los Angeles
 Laskin, Minda (L.A. 4).....El Paso, Texa
 Lassner, Clara (C. Sp.).....Los Angeles
 Laster, Frederic B. (L. 1).....Coron
 Latham, C. (D. 3).....Lemoor
 Laugharn, Hubert F. (L. 2).....Long Beach
 Laughlin, Stewart (C. Sp.).....Los Angeles
 Laughlin, Wm. T. (L. 1).....Santa Maria
 Launder, Chas. R. (L. 1).....Los Angeles
 Laupher, Henry C. (L. Sp.).....Los Angeles
 Laurie, L. M. (C. 2).....Hugo, Col

Lauritcen, Anna (C. Sp.)...Los Angeles
 Lawford, Geoffrey N. (L.A. 1).....
 Los Angeles
 Lawhorn, Lucille (L.A. Sp.).....
 Los Angeles
 Lawrence, Faye (C. 1).....Pomona
 Lawton, Elizabeth A. (L. 1).....
 Los Angeles
 Layden, Geo. (L. 1).....Delta, Colo.
 Layne, E. G. (D. 3).....Lemoore
 Layne, Lillian (L.A. 1).....Brawley
 Leach, Lena (M. Sp.).....Los Angeles
 Leach, Lucy May (M. Sp.).....
 Ocean Park
 Leadingham, John (C. 3).....Pomona
 Leadingham, R. (C. Sp.).....Los Angeles
 Leadingham, Russel M. (Economics,
 Gr.).....Los Angeles
 B.S., University of California, 1921.
 Leady, Minerva (L.A. 4).....Los Angeles
 Leahy, Edward (L. 3).....Los Angeles
 Lechlitner, Lucille (M. Sp.).....
 Los Angeles
 Leddy, Harold D. (L. 2).....Pasadena
 Lee, C. C. (Chemistry, Gr.).....
 B.S., National University of Pe-
 king, 1921.
 Lee, Evelyn (L.A. Sp.).....Oak Park, Ill.
 Lee, Harvey Richard (Commerce, Gr.).....
 Janesville, Wis.
 Lee, Root Young (Chemistry, A. M.).....
 Korea
 B.S., Nebraska Wesleyan, 1914.
 Leebrick, Bessie (L.A. Sp.).....Victorville
 Leebrick, R. J. (D. 3).....Long Beach
 Leech, B. C. (C. Sp.).....Los Angeles
 Leeker, Abraham (M. Sp.).....Arizona
 Leeson, Opal (M. Sp.).....Los Angeles
 Lefever, David Welty (Education,
 H. S.).....Pasadena
 A.B., La Verne College, 1921.
 Lefebvre, Henry, Jr. (L.A. 1).....
 Los Angeles
 Le Gro, Harlan H. (P. 1).....Reedley
 Lehrer, M. (P. 2).....St. Louis, Mo.
 Leicham, Charles (C. 1).....Venice
 Leiffer, Murray H. (L.A. 3).....
 Los Angeles
 Leitzell, Beulah (M. Sp.).....Los Angeles
 Leitzell, Edna (M. Sp.).....Los Angeles
 Leitzell, Hazel (M. Sp.).....Los Angeles
 Lem, Edna (M. Sp.).....Los Angeles
 Lemberger, Karl W. (L.A. 1).....Redlands
 Lemon, Melville L. (L.A. 1).....Pasadena
 Lenehan, H. P. (P. 1).....San Francisco
 Leonard, E. F. (C. Sp.).....Los Angeles
 Leonard, Jean (History, A. M., H. S.).....
 Los Angeles
 A.B., Southern California, 1921.
 Leonard, Leon J. (L. 1).....Los Angeles
 Leonard, Leonid V. (L.A. 1).....
 Harbin, China
 Lesh, W. Walter (Education, Gr.).....
 Long Beach
 A.B., 1915; B.S. 1916, Nebraska
 Wesleyan.
 Lesler, L. B. (C. Sp.).....Los Angeles

Leslie, Hazel C. (L.A. P. 4).....
 Syracuse, N. Y.
 Lessard, Clarence A. (L. 2).....Glendale
 Lester, Robert G. (L. 1).....Los Angeles
 Leung, Lillie E. (L.A. 4).....Los Angeles
 Leuzinger, Arthur (C. 2).....Inglewood
 Levenson, Miriam L. (L.A. 2).....
 Los Angeles
 Levering, Fern L. (L.A. 4).....Inglewood
 Levering, Lucy (S. 4).....Redlands
 Levitt, J. Horner (L. 2).....Los Angeles
 Levy, R. W. (D. 1).....Glendale
 Lewis, A. (S. 4).....Inglewood
 Lewis, Annie M. (L.A. 4).....Inglewood
 Lewis, Rev. Chas. D. (L. A. Sp.).....
 Los Angeles
 Lewis, Ernest (C. 2).....Turlock
 Lewis, Harold C. (L.A. 3).....Carpenteria
 Lewis, James C. (L.A. 1).....
 Huntington Park
 Lewis, James E. (L.A. 3).....Los Angeles
 Lewis, Jeanette E. (L.A. 1).....
 Los Angeles
 Lewis, K. I. (D. 3).....Bellingham, Wash.
 Lewis, Mildred M. (L.A. 2; M. Sp.).....
 Little Rock, Ark.
 Lewis, Miss (P. 2).....Los Angeles
 Lewis, Ned (L.A. 1).....Los Angeles
 Lewis, R. E. (L.A. Sp.).....Pacoima
 Lewis, Ross W. (L.A. Sp.).....Wells, Ore.
 Lewis, Virgil G. (L. 3).....Los Angeles
 Lewis, Virginia (L.A. 1).....Inglewood
 Lewis, Wilfred (L.A. 1).....Los Angeles
 Ley, Louise (L.A. 2).....Los Angeles
 Liepman, Elda (P. 1).....Los Angeles
 Lietzan, Cora C. (L.A. Sp.).....
 Los Angeles
 Life, Cora Mae (Religious Ed., A. M.).....
 Los Angeles
 A.B., Southern California, 1920.
 Liggett, Harry B. (L. 3).....Venice
 Lightfoot, Katherine (L.A. 1).....
 Los Angeles
 Liljenberg, Irene V. (L.A. 3).....
 Los Angeles
 Lillie, Harold B. (L.A. 3, S. Sp.).....
 Inglewood
 Linck, Alex J. (D. 1).....Los Angeles
 Lincoln, Bessie (M. Sp.).....Los Angeles
 Lincoln, Chas. W. (D. 1).....Pasadena
 Lincoln, Cora (History, A. M., H. S.).....
 Pasadena
 A.B., Southern California, 1921.
 Lincoln, Dorothy (M. Sp.).....Corona
 Lindley, Annetta (L.A. 4, S. Sp.).....
 Dinuba
 Lindley, A. L. (C. 3).....Los Angeles
 Lindley, Logan (L. 3).....Dinuba
 Lindogan, S. O. (C. 1).....Isabel, P. I.
 Lindsley, Caroline (L.A. 3).....
 Los Angeles
 Lindstrom, George (C. Sp.).....
 Los Angeles
 Linek, H. A. (D. 4).....Pasadena
 Link, Mary K. (M. Sp.).....Los Angeles
 Linn, Dorothy C. (L.A. 3).....
 Los Angeles
 Linne, B. F. (C. Sp.).....Los Angeles

- Linne, H. E. (C. Sp.).....Los Angeles
 Lion, Eddie B. (L.A. 3).....Fresno
 Lippold, Earl O. (L. 2).....Los Angeles
 Lipsey, A. I. (C. 3).....Los Angeles
 Little, Frederick E. (L.A. 4).....Pasadena
Warsaw, Ind.
 Little, Galbraith A. (L.A. 3; L. 1).....Los Angeles
 Little, M. C. (L.A. 1).....Los Angeles
 Littlejohns, Earl A. (L. 2).....Los Angeles
 Livernash, Locksley H. (L.A. 2).....Huntington Beach
 Livingston, J. C. (L.A. Sp.).....Los Angeles
 Llewellyn, Edith L. (L.A. Sp.).....Philadelphia, Pa.
 Lloyd, Bertha (S. Sp.).....Los Angeles
 Lloyd, Hubert B. (L. 2).....San Francisco
 Lloyd, Louis David (Religious Educ. A. M.).....Los Angeles
A.B., Southern California, 1921.
 Loader, H. (C. Sp.).....Los Angeles
 Lober, Frank (L. 3).....Los Angeles
 Locke, Chas. E. (L. 3).....Los Angeles
 Lockett, Frank P. (L. 3).....Alhambra
 Lockhart, Hugh (C. Sp.).....Los Angeles
 Lockwood, Luella (L.A. 1, M. Sp.).....Los Angeles
 Lockwood, Margaret E. (L.A. Sp.).....Mound City, Kas.
 Lodge, Leola (M. Sp.).....Los Angeles
 Loero, Domingo J. (C. Sp.).....Callao, Peru
 Lofstedt, Christine (Sociology, Gr.).....Los Angeles
A.B., Southern California, 1920.
 Lofton, Chas. S. (L.A. 4).....Los Angeles
 Loftus, Frances (L.A. 3; S. 2).....Phoenix, Ariz.
 Logan, L. P. (C. Sp.).....Los Angeles
 Logsdon, Joseph L., Jr. (L.A. 1).....Pasadena
 Lomax, Alfred P. (L.A. 3).....San Luis Obispo
 Long, J. Frank (L.A., L. Sp.).....Monrovia
 Long, P. R. (D. 4).....Portsmouth, N. H.
 Long, Reba M. (L.A. Sp.).....Lindsay, Cal.
 Long, R. J. (C. Sp.).....Los Angeles
 Long, Tirrell Lyman (Sociology, Gr.).....Los Angeles
A.B., Southern California, 1918.
 Longley, H. E. (D. 3).....Los Angeles
 Loop, Evelyn (L.A. 2).....Los Angeles
 Loop, J. LeRoy (D. 1).....Los Angeles
 Lore, H. (L.A. 2).....Los Angeles
 Losher, F. R. (D. 3).....Los Angeles
 Loucks, Beatrice (M. Sp.).....Los Angeles
 Lounsbury, Florence M. (Physics, Gr.).....Santa Monica
A.B., Southern California, 1917.
 Loupe, Esther M. (L.A. 1).....Los Angeles
 Love, F. M. (C. Sp.).....Los Angeles
 Love, Hubert (C. 3).....Los Angeles
 Lovejoy, Gerard H. (L.A. Sp.).....East Ely, Nev.
 Lovelace, L. R. (P. 1).....San Pedro
 Loveland, Ethel V. (L.A. Sp.).....Pasadena
 Loveless, Glenn B. (P. 1).....Salt Lake City, Utah
 Lovie, Edward B. (L. 2).....Los Angeles
 Loviner, Hazel M. (C. Sp.).....Los Angeles
 Low, Norman L. (L.A. 1).....Los Angeles
 Lowe, Mrs. Marcia (L.A. Sp.).....Los Angeles
 Lowe, Rua (M. Sp.).....Sawtelle
 Lowe, Po Wing (L. 1; L.A. 3).....San Francisco
 Lower, W. A. (C. Sp.).....Los Angeles
 Lucas, Albert K. (L. 3).....Honolulu, T. H.
 Lucas, Frances (L.A. 4).....Los Angeles
 Lucas, Frankie L. (L.A. 4).....Los Angeles
 Lucas, Lois (M. Sp.).....Los Angeles
 Luckham, Helen (L.A. 1).....Los Angeles
 Ludwig, Ella A. (L. 1).....San Pedro
 Luke, Wm. W. (D. 1).....Los Angeles
 Lukens, Lesla (M. Sp.).....Monrovia
 Lundberg, Edward M. (L. 2).....Los Angeles
 Lundblade, Gladys (L.A. 2).....Los Angeles
 Lundstrom, Marcus L. (P. 1).....Los Angeles
 Luney, Mildred (L.A. 4).....Denison, Ia.
 Lush, Mabel Annette (Hist. H. S., A. M.).....Los Angeles
A.B., Smith College, 1920.
 Lustig, John (P. 1).....Denver, Colo.
 Lutz, Hugh W. (L. 3).....Seattle, Wash.
 Lyle, Ina (M. Sp.).....Los Angeles
 Lyles, Virgil (C. Sp.).....Los Angeles
 Lyman, Edward D. (L.A. 3).....Los Angeles
 Lyon, Ruth (L.A. 1).....Pasadena
 Lyons, F. M. (C. Sp.).....Los Angeles
 Lyons, W. J. (D. 4).....Joliet, Ill.
 McAlister, A. M. (C. Sp.).....Los Angeles
 McAllister, Frederic J. (L.A. 1).....Los Angeles
 McArthur, Lucile (M. Sp.).....Los Angeles
 McAulay, John Neal (C. 2).....Los Angeles
 McAuliffe, John (C. 1).....Los Angeles
 McBride, A. R. (D. 3).....Weyborn, Sask.
 McBride, L. A. (D. 2).....Long Beach
 McCabe, Orin (C. 2).....Porterville
 McCaffrey, Michael J. (L.A. 2).....Los Angeles
 McCall, J. S. (D. 3).....Phoenix, Ariz.
 McCann, Miss M. H. (D. 4).....Selma
 McCann, Henry F. (L.A. 1).....Los Angeles
 McCarter, Harold A. (L.A. Sp.).....Los Angeles
 McCarthy, Florence E. (L.A. 4).....Los Angeles
 McCarty, John B. (L. 1).....Los Angeles

McCauley, Mrs. Margaret (L.A. Sp.)	Los Angeles
McCaulley, Cecil M. (L.A. 4)	Los Angeles
McClellan, M. J. (D. 2)	Los Angeles
McClaskey, Hugh (C. 4)	Los Angeles
McClaskey, Ralph (C. 2)	Los Angeles
McClaskey, Ross H. (L.A. 2)	Los Angeles
McClure, G. F. (P. 2)	Ray, Ariz.
McCluskey, C. E. (C. 2)	Pasadena
McCluskey, Dean (C. 1)	Pasadena
McCollim, May W. (L.A. 4)	Ventura
McCollum, Lawrence B. (P. 1)	San Diego
McComas, J. B. (C. Sp.)	Los Angeles
McComber, Marjorie (M. Sp.)	Buena Park
McCommon, Everett L. (Education Gr.)	LaFayette, Ind.
A.B., University of Arizona, 1921.	
McConahy, R. S. (C. Sp.)	Tyrone, Pa.
McConkey, R. W. (C. Sp.)	Los Angeles
McConnell, Dorothy (M. Sp.)	Los Angeles
McCord, Eugene (C. 1)	Los Angeles
McCorkle, Gertrude C. (L.A. 1)	Colorado Springs, Colo.
McCormick, Edith G. (L.A. 1)	Redondo Beach
McCormick, Geo. W. (C. Sp.)	Los Angeles
McCourt, R. L. (C. Sp.)	Los Angeles
McCrary, James J. (L.A. 4)	Blythe
McCrea, Willard F. (M. Sp.)	Minnesota
McCreery, Bernice (L.A. 2)	Long Beach
McCreery, Guy W. (Religious Educ., Gr.)	Long Beach
A.B. 1897; A.M. 1904, University of Denver.	
McCullah, Mrs. C. A. (M. Sp.)	Anaheim
McCullough, Maida (M. Gr.)	Los Angeles
McCully, Jesselyn (L.A. 2)	Los Angeles
McCutchan, H. H. (L.A. 2)	Los Angeles
McDaniel, Victor G. (C. 2)	Santa Rosa
McDonald, B. (C. Sp.)	Los Angeles
McDonald, L. E. (D. 2)	Los Angeles
McDonald, S. (P. 2)	Los Angeles
McDowell, Edythe E. (L.A. 2)	Los Angeles
McDowell, James L. (C. Sp.)	Los Angeles
McDowell, Stella J. (L.A. Sp.)	Los Angeles
McEachin, Mary (L.A. Sp.)	Los Angeles
McEnderree, Pearl Blanche (Education, Gr.)	Los Angeles
A.B., Southern California, 1921.	
McEwen, Inez Puckett (S. 2)	Los Angeles
McEwen, Jasper A. (L.A. Sp.)	Los Angeles
McFarland, Mrs. A. H. (M. Sp.)	Los Angeles
McFarland, Frank L. (P. 1)	Colorado Springs, Colo.
McFarland, Loren H. (C. 1)	Tulare
McFarland, Merrill M. (L.A. 1)	Tulare
McFarland, Tom B. (C. 2)	Los Angeles
McGeary, Mary Ida (C. 1)	Carpenteria
McGee, John B. (L.A. 1)	Parlier
McGiff, Mrs. M. E. (L.A. Sp.)	Los Angeles
McGinnis, E. C. (C. Sp.)	Los Angeles
McGinnis, J. B. (C. Sp.)	Los Angeles
McGinnis, Merle L. (L.A. 4)	Los Angeles
McGhee, Lucille (M. Sp.)	So. Pasadena
McGorry, L. C. (C. Sp.)	Los Angeles
McGregor, James W. (L.A. 2)	Los Angeles
McGregor, Mae Kathleen (German, Gr.)	Los Angeles
A.B., Southern California, 1914.	
McGuire, Mary Alice (M. Sp.)	Los Angeles
McIlvaine, Helen (L.A. 3)	Los Angeles
McInnes, Edward L. (L.A. Sp.)	Hattiesburg, Miss.
McInnis, Wm. D. (C. Sp.)	Los Angeles
McKay, Chester H. (L.A. 3)	Clovis
McKay, Norman O. (L.A. 3)	Los Angeles
McKee, Dean A. (P. 1)	Los Angeles
McKee, Mrs. J. W. (L.A. 3)	So. Pasadena
McKee, L. Lucille (L.A. 4)	Tujunga
McKenzie, Elbert (L.A. 3)	Los Angeles
McKenzie, Herman (C. 1)	Los Angeles
McKesson, William B. (L. 3)	Los Angeles
McKibben, Robt. A. (L.A. Sp.)	Los Angeles
McKim, Mildred E. (L.A. 4)	San Bernardino
McKissick, Lona Z. (L.A. 1)	Bartlesville, Okla.
McKnight, Clifford S. (L.A. Sp.)	Los Angeles
McLain, Mrs. Ida M. (M. Sp.)	Los Angeles
McLaughlin, A. V. (C. Sp.)	Los Angeles
McLaughlin, E. B. (C. Sp.)	Los Angeles
McLaughlin, Hubert L. (L.A. 4)	Los Angeles
McLaughlin, J. H. (D. 1)	Westwood Park, S. D.
McLeod, M. E. (C. Sp.)	Los Angeles
McLennon, Ruth (M. Sp.)	Texas

- McLintic, Aloysia (M. Sp.).....Los Angeles
 McMahan, Frank (L. 1).....Dubuque, Ia.
 McMannany (C. Sp.).....Los Angeles
 McManus, Peter L. (L. 1).....Los Angeles
 McMath, Harry J. (L.A. Sp.).....Los Angeles
 McMath, Mabel E. (L.A. 4).....Los Angeles
 McMillan, Carleton (L.A. 1).....Pasadena
 McMillan, Daniel (M. Sp.).....Los Angeles
 McMare, Blanche A. (L.A. 4).....Los Angeles
 McNamee, Anita (L.A. 1).....Los Angeles
 McNaughton, Helen (M. Sp.).....Los Angeles
 McNeal, Russell (C. 1).....Los Angeles
 McNeely, John G. (Education, Gr. H.S.).....Santa Monica
 A.B., Southern California, 1919.
 McNeely, Lelia E. (L.A. 4).....Cape Girardeau
 McNeely, Mabel A. (C. Sp.).....Los Angeles
 McNichols, Marion E. (L.A. 1).....Los Angeles
 McPheeters, Edna V. (L.A. 1).....Los Angeles
 McPheeter, Harry A. (L.A. 4).....Chappell, Neb.
 McPherson, Grace (L.A. 1).....Arasi
 McQuidd, C. M. (C. 2).....Los Angeles
 McWilliams, Adde (L.A. Sp.).....Los Angeles
 Mabec, Cora (Economics, H. S., A.M.).....Los Angeles
 A.B., Southern California, Feb., 1922.
 MacCloskey, M. R. (D. 2).....Los Angeles
 MacConnell, Watson E. (L.A. 1).....Los Angeles
 MacDonald, Margaret (L.A. 1).....Los Angeles
 MacDuff, Harriet (L.A. 4).....Pasadena
 Macey, Geo. J. (D. 1).....Pasadena
 MacGregor, Anna K. (L.A. Sp.).....Los Angeles
 Machomich, Dorothy A. (L.A. 1).....Los Angeles
 Mack, Earl H. (L.A. 3).....Hanford
 MacKay, Donald (L. 2).....Los Angeles
 Mackay, Geo. W. (L.A. Sp.).....Los Angeles
 MacKay, Olin N. (L. 2).....Los Angeles
 Macken, W. W. (D. 1).....Los Angeles
 Mackie, Chester L. (L.A. 1).....Arcadia
 MacKinnon, Melvin E. (L. 2).....Los Angeles
 MacLaren, Vera E. (L.A. 2).....Upland
 MacLean, Jeter A. (L.A. 2).....Los Angeles
 MacPherson, Elma L. (L.A. 4).....Tacoma, Wash.
 MacQueen, D. G. (D. 2).....Bishop
- MacQuiddy, Carolyn M. (L.A. 2).....Long Beach
 MacQuiddy, Richard H. (L.A. Sp.).....Long Beach
 MacRobbie, Anna G. (L. 1) Los Angeles
 Madden, Jean I. (L.A. 3).....Los Angeles
 Madison, Lois (M. Sp.).....Los Angeles
 Magenheimer, G. E. (C. 2) Los Angeles
 Magill, Calina (M. Sp.).....Ontario
 Magill, Nancy G. (L.A. Sp., P. 3).....Los Angeles
 Maggart, Roy (L. 3).....Long Beach
 Maharam, Edythe M. (L.A. 2).....Los Angeles
 Maharam, Lorene (L.A. 1).....Los Angeles
 Maher, Ellen K. (L.A. 2).....Los Angeles
 Maher, Mabel (Education, Gr.).....Los Angeles
 A.B., Southern California, 1921.
 Maher, Vincent P. (L.A. Sp.).....Los Angeles
 Maible, Wm. B. (C. Sp.).....Los Angeles
 Mainland, James (C. 1).....Los Angeles
 Male, Edward (C. 1).....Los Angeles
 Mallery, F. (P. 2).....San Bernardino
 Malott, William O. (L. 2).....La Mirada
 Mallory, Ethel E. (M. Sp.).....Santa Cruz
 Maloy, Theresa (S. 3).....Los Angeles
 Mandel, Ida (M. Sp.).....Los Angeles
 Mandel, Jake (L. 1).....Los Angeles
 Mandel, Pearl I. (L.A. 1).....Los Angeles
 Manglitz, Carl (L.A. 3).....Los Angeles
 Manley, Elizabeth (C. Sp.).....Los Angeles
 Manning, Charles L. (L. 3) Los Angeles
 Mannix, Joseph L. (L. 3).....Los Angeles
 Mansfield, Robert (C. Sp.).....Los Angeles
 Marble, John McK. (L. 3).....Los Angeles
 March, Edith M. (L.A. Sp.).....Los Angeles
 Marcher, Ralph H. (L. 3).....Los Angeles
 Margadant, Mildred M. (L.A. 4).....Pasadena
 Margid, Samuel H. (L.A. Sp.; C. Sp.).....Brooklyn, N. Y.
 Margolis, A. (P. 2).....Los Angeles
 Marion, Teresa G. (L.A. 3).....Waterloo
 Markley, Miss G. (P. 2).....Saugus
 Markowitz, Sadye N. (L. 1).....Los Angeles
 Marks, Wm. Sherman (D. 1).....Toole City, Utah
 Markwalder, Muriel (M. Sp.).....Los Angeles
 Marrett, L. Rolland (L.A. 2).....Los Angeles
 Marsden, Daisy A. (M. Sp.).....Santa Ana
 Marsh, Esbon Rea (History, A. M.).....A.B., Occidental College, 1921.....Los Angeles
 Marshall, D. P. (D. 3).....Los Angeles
 Marshall, Miss (C. Sp.).....Los Angeles
 Marshall, Will H. (L. 2).....Los Angeles
 Marshey, Elmer H. (L.A. 1, C. Sp.).....Los Angeles
 Marston, Albert O. (L. 3).....Los Angeles
 Marston, Ida (L.A. 1).....Los Angeles
 Marston, Laura C. (L.A. Sp.).....Long Beach

- Marston, Olive J. (L. A. Sp.).....Los Angeles
Marta, A. M. (D. 3).....Butte, Mont.
Martell, John (L. 2).....Santa Ana
Marti, Ben (L.A. Sp.).....Redlands
Martin, Alfred E. (L.A. Sp.).....Bothell, Wash.
Martin, August Henry (Gr.)..Long Beach
A.B., University of Wisconsin, 1917.
Martin, Catherine (M. 4; L.A. Sp.)....Long Beach
Martin, Edwin L. (L.A. 2).....Los Angeles
Martin, F. B., Jr. (D. 1).....Redondo
Martin, George (C. Sp.).....Los Angeles
Martin, Oliver L. (L.A. 4).....Tacoma, Wash.
Martin, H. B. (D. 1).....Beaumont, Tex.
Martin, Raymond E. (L. 3).....Winfield, Kans.
Martinez, Adaline (C. Sp.)..Los Angeles
Martinez, Luisa M. (L.A. 2).....Riviera
Martinez, Mack (M. Sp.).....Los Angeles
Martz, Ysu (L.A. 1).....Los Angeles
Marvin, Irene (M. Sp.).....Los Angeles
Marvin, Marie (M. Sp.).....Los Angeles
Mason, Bessie H. (L.A. Sp.).....Los Angeles
Mason, Celia C. (L.A. 2).....Buda, Ill.
Mason, Eunice H. (L.A. 1).....Buda, Ill.
Mason, Florence (Sociology, Gr.).....Los Angeles
A.B., Southern California, 1918.
Mason, Harold L. (L.A. 3).....Compton
Mason, Helen M. (L.A. 4).....Compton
Mason, Margaret M. (L.A. 2).....Los Angeles
Mason, Robt. E. (L. 1).....Los Angeles
Mason, Roy C. (L.A. 3).....Whittier
Mason, Stella M. (L.A. 3).....Los Angeles
Massey, Lloyd R. (L. 1).....Los Angeles
Masterson, Kenneth J. (L.A. 1).....Barnesville, Minn.
Matchette, Frances E. (L.A. 4).....Towanda, Pa.
Mater, Oliver J. (L.A. 1).....Los Angeles
Mather, Ralph (M. Sp.).....Los Angeles
Matherly, Joe W. (L. 3).....Los Angeles
Matheson, Mary Margaret (English, A.M., H.S.).....Glendora
A.B., Southern California, 1921.
Mathews, Jeanette (L.A. Sp.).....Palms
Mathison, Ralph N. F. (L.A. Sp.; C. Sp.).....Ray, N. D.
Matson, Archie (Religious Educ., Gr.).....Los Angeles
A.B., Southern California, Feb., 1922.
Matson, Elizabeth (L.A. 2).....Los Angeles
Matson, Marguerite (L.A. 2).....Los Angeles
Matthews, Geraldine (M. Sp.).....Los Angeles
Matthis, Sue G. (L.A. Sp.).....Los Angeles
Mattis, Geo. E. (D. 1).....Anaheim
Mattoon, Paul (L.A. 1; C. 1).....Los Angeles
Mattrace, Frank (M. Sp.).....Madero
Maulding, Harold G. (L.A. 1).....Dahlgren, Ill.
Maxfield, Alice (L.A. 1).....Los Angeles
Maxson, Maxine E. (L.A. 1).....Los Angeles
Maxwell, Robert (L.A. 1).....Riverside
Maxwell, Roland W. (L.A. 3).....Pasadena
May, Carl L. (L. 1).....Pasadena
May, Cecil (L. 3).....Los Angeles
May, Lurita (M. Sp.).....Los Angeles
Mayer, Chas. W. (L.A. 3).....Los Angeles
Mayhew, Donald P. (L.A. 1).....Pasadena
Meacham, Jewel G. (L.A. Sp.; M. Sp.).....Los Angeles
Mead, Elbert W. (L. 1).....Los Angeles
Mead, Lois Robossin (L.A. 1; L. 1).....Los Angeles
Mead, Vivienne (L.A. 1).....Los Angeles
Mead, Wm. T. (L.A. 1; C. 1).....Los Angeles
Meaker, L. C. (D. 3).....Redondo Beach
Mealey, Albert (C. 1).....Los Angeles
Mears, Mabel E. (L.A. 3).....Los Angeles
Medrick, Ben (C. Sp.).....Los Angeles
Medrick, Max (C. Sp.).....Los Angeles
Meeker, J. Gerald (C. 4).....Moscow, Ida.
Meiklejohn, Bertha H. (L.A. 1).....Los Angeles
Melbourne, E. T. (D. 3).....San Diego
Melbourne, J. E. (D. 3).....Escondido
Meleen, Mamie R. (L.A. 4) Los Angeles
Mellenthin, Alfred I (L. 1) Los Angeles
Mellert, Roy W. (D. 1).....Los Angeles
Mellinger, Robert L. (L.A. Sp.).....Los Angeles
Melnikoff, Demitry N. (L.A. 2).....Berlin, Ger.
Melville, Christy (C. 2).....Broken Bow, Neb.
Melvin, Ruby K. (Educa., English, Gr.).....Los Angeles
B.S., State Teachers College, 1921.
Mentzer, Marian A. (L.A. 2).....Los Angeles
Menzies, Thos. P. (L. 2).....Los Angeles
Meredith, Donald (C. 3).....Los Angeles
Merrick, Miss H. M. (D. 4) Los Angeles
Merrill, Charles E. (Education, Gr.).....Los Angeles
A.B., Bates College, 1910.
Merrill, J. C. (D. 2).....Los Angeles
Mesny, Dorothea (L. 3).....Los Angeles
Messenger, Marjorie (M. Sp.).....Los Angeles
Messer, S. M. (C. Sp.).....Los Angeles
Messick, Herbert (C. 1).....Los Angeles
Metcalf, Dean (C. 3).....Los Angeles
Metcalf, Hope E. (L.A. 1) Los Angeles
Metcalf, Arthur V. (L.A. 2).....Los Angeles
Metcalf, Tom (L.A. 4).....Los Angeles
Methgen, Nicholas T. (L. 1) Los Angeles
Metzger, D. E. (C. Sp.).....Los Angeles
Metzger, duBarry H. (L. A. Sp.).....Los Angeles
Metzger, Geo. W. (C. Sp.)..Los Angeles

- Metzler, Alberta (L.A. 4).....Coachella
 Meyers, Amelia (L.A. 2).....Holtville
 Meyer, George (C. 1).....Pasadena
 Meyersick, Mary C. (S. 3; L.A. 3).....
 Los Angeles
 Middagh, Cecil (M. Sp.).....Walnut
 Middagh, Lillus (M. Sp.).....Walnut
 Middleton, Mrs. Alice R. (L.A. 2).....
 Los Angeles
 Middleton, Una M. (L.A. 4) Los Angeles
 Midler, Ruth (M. Sp.).....Los Angeles
 Mier, Millard M. (L. 2).....Los Angeles
 Milbury, L. C. (C. Sp.).....Los Angeles
 Millar, Cheryl (L.A. 4).....Los Angeles
 Millar, Stephen R. (L.A. 1) Los Angeles
 Miller, Arreen E. (L.A. 3).....Los Angeles
 Miller, Barbara (L.A. 2).....Los Angeles
 Miller, B. Verne (L.A. 1).....Lindsay
 Miller, Charles C. (L.A. 4).....Los Angeles
 Miller, C. H. Ross (L.A. 2).....Long Beach
 Miller, Daniel L. (L.A. 2).....Los Angeles
 Miller, Elizabeth A. (L.A. 3).....
 Los Angeles
 Miller, E. G. (D. 3).....Los Angeles
 Miller, Emily (L.A. Sp.).....Los Angeles
 Miller, Emily H. (M. 4).....So. Pasadena
 Miller, Ethel Mae (L.A. 2).....Lindsay
 Miller, Eva Mae (English, Gr.).....
 Los Angeles
 Miller, Florence Leonore (L.A. 3).....
 San Fernando
 Miller, Florence Lewis (L.A. Sp.).....
 Lake Valley, N. M.
 Miller, Gladys Maude (L.A. 4).....Lindsay
 Miller, Harold Aubrey (L. 3).....
 Los Angeles
 Miller, Helen (C. Sp.).....Los Angeles
 Miller, Herbert (L.A. 1).....Los Angeles
 Miller, Hugh B. (L.A. 3).....Alhambra
 Miller, James A. (L. 1).....Ontario, Can.
 Miller, J. C. (C. Sp.).....Los Angeles
 Miller, Josephine E. (L.A. Sp.).....
 Gardena
 A.B., Southern California, 1921.
 Miller, Martha (M. Sp.).....Los Angeles
 Miller, Mary A. (L.A. 2).....Los Angeles
 Miller, Mary Jane (M. 4).....Idaho
 Miller, Maxine (L.A. 1).....Los Angeles
 Miller, Norma R. (L.A. 1).....
 Kansas City, Mo.
 Miller, Orpha A. (English, A.M.,
 H. S.).....Los Angeles
 A.B., Indiana University, 1913.
 Miller, Philip (L.A. 4).....Los Angeles
 Miller, Phillip J. (L.A. 2).....Visalia
 Miller, Ray (L. 1).....Los Angeles
 Miller, Raymond B. (Economics, H.
 S.).....Long Beach
 A.B., 1918; A.M., 1921—Stan-
 ford University.
 Miller, Robert Henry (Religious Edu-
 cation, A.M.).....LaVerne
 A.B., Manchester College, 1916.
 Miller, Warren (L.A. 1).....Los Angeles
 Mills, Edith V. (L.A. 3).....Los Angeles
 Mills, Elsie B. (L.A. 2).....Los Angeles
 Mills, Stuart (D. 1).....Los Angeles
 Milnes, Maude (L.A. 4).....Alberta, Can.
 Milton, John W. (L.A. 2).....Los Angeles
 Minagawa, Shuchi (Economics, Gr.)..
 Tokio, Japan
 A.B., Waseda University, 1917.
 Miner, Berniece M. (L.A. 1).....
 Los Angeles
 Minier, Chester (C. 1).....Los Angeles
 Minthorn, Ethan (C. 2).....Los Angeles
 Mitchell, Eunice (M. Sp.).....Los Angeles
 Mitchell, Jessie R. (L.A. Sp.).....Pasadena
 Mitchell, Mary B. (L.A. Sp.).....Pasadena
 Mittelholtz, Milton (C. Sp.).....Bend, Ore.
 Mix, Dorothy (L.A. Sp.).....Los Angeles
 Miyahara, T. (D. 3).....Honolulu
 Mizener, Dacotah (M. Gr.).....Los Angeles
 Mizobe, Y. (P. 2).....Hagie, Japan
 Mobarry, Kenneth C. (L.A. 2).....
 Los Angeles
 Modesti, Antoinette X. (L.A. 1).....
 Los Angeles
 Modesti, Ernestine (L.A. 2).....
 Los Angeles
 Moelk, Emma A. (L.A. 2).....Vinton
 Moffitt, John M. (L.A. 3).....Los Angeles
 Moir, Mildred (L.A. 1).....Los Angeles
 Mok, Y. P. (L.A. 1).....Canton, China
 Moles, Ruth I. (L.A. 4).....Los Angeles
 Molinder, Ellen M. (C. Sp.).....
 Los Angeles
 Moline, Estelle (L.A. 1).....Gardena
 Mollring, E. F. (C. Sp.).....Los Angeles
 Molner, Stephen (L.A. 1).....Los Angeles
 Molony, Edith Holder (Gr.) Los Angeles
 A.B., University of California,
 1910.
 Molsbee, Grace C. (L.A. Sp.).....Marne
 Moncado, Hilario C. (L.A. Sp.).....
 Los Angeles
 Monningh, C. Paul (L. 1).....Pasadena
 Monkman, George E. (L.A. Sp.).....
 Los Angeles
 Monroe, Kenneth M. (L.A. 4).....
 Los Angeles
 Monroe, Zelma M. (L.A. 1) Los Angeles
 Montgomery, G. Donald (D. 1).....
 Los Angeles
 Montgomery, H. H. (D. 1).....Los Angeles
 Montgomery, J. (D. 3).....Williams, Ariz.
 Montgomery, J. H. (D. 1).....Los Angeles
 Montian, Miss R. (D. 2).....Los Angeles
 Moody, Bernita (M. Sp.).....Ontario
 Mooney, Volney P. (L. 3).....
 El Dorado, Kans.
 Mooney, William A. (L. 1).....Los Angeles
 Moore, Berita C. (L.A. Sp.).....
 South Pasadena
 Moore, Betty (M. Sp.).....Los Angeles
 Moore, Bishop M. (L.A. Sp.).....
 Los Angeles
 Moore, Eleanor (L.A. Sp.).....Los Angeles
 Moore, Frank S. (Education. A.M.)
 Burbank
 A.B., Colorado College, 1908.

- Moore, Gertrude H. (English. H.S.).....
Rushville, Ill.
A.B., Northwestern University,
1918.
- Moore, Helen (M. Sp.).....Los Angeles
- Moore, Irene E. (L.A. 4).....Fullerton
- Moore, James Allison (L. 1) Los Angeles
- Moore, J. Glenn (L. 3).....Los Angeles
- Moore, Leslie W. (L. 1).....Venice
- Moore, Paul J. (P. 1).....Pasadena
- Moore, Ruby Z. (L.A. 2).....Los Angeles
- Moore, William D. (L.A. 1) Los Angeles
- Moorhouse, Cecil L. (L.A. Sp.).....
Massena, Ia.
- Moran, Mrs. P. J. (M. Sp.).....Los Angeles
- Morain, Jesse L. (L. 1).....Claremont
- Morehead, Marjorie E. (L.A. 2).....
Los Angeles
- Morehouse, Mary M. (L.A. 4).....
Los Angeles
- Moreland, Jerre F. (L.A. 2).....
Los Angeles
- Morello, B. (P. 2).....Globe, Ariz.
- Morey, Francis M. (L.A. Sp.).....
Los Angeles
- Morgan, H. K. (D. 4).....Los Angeles
- Morgan, Julia G. (L.A. 3) Los Angeles
- Morganthaler, Helen M. (L.A. 2).....
San Marino
- Morley, Arthur (C. 3).....Los Angeles
- Morley, Doris (L.A. 4).....Los Angeles
- Mornin, Kathryn (L.A. Sp.).....Pasadena
- Moroney, John Francis (L. 3).....
Los Angeles
- Morrell, Louis (C. 2).....Los Angeles
- Morris, Arthur (L.A. 1).....Los Angeles
- Morris, E. (D. 2).....Los Angeles
- Morris, Elmo L. (L.A. 1).....Los Angeles
- Morris, Florence I. (L.A. 1).....
Los Angeles
- Morris, Mary Elizabeth (Spanish Gr.).....
Los Angeles
- A.B., Cornell University, 1918.
- Morrison, Harold S. (L.A. 2) Van Nuys
- Morrow, Andrew M. (L.A. 2).....
Los Angeles
- Morrow, Vera (M. Sp.).....Inglewood
- Morse, Carrie Z. (L.A. Sp.) Los Angeles
- Morse, Nathan C. (L.A. 1) Los Angeles
- Mosely, Ella (L.A. 2).....Los Angeles
- Moses, Mildred C. (M. Sp.).....
Santa Monica
- Moses, Llewellyn J. (L. 1) Los Angeles
- Mosher, Agnes (L.A. Sp.) Los Angeles
- Mosier, Adams D. (L.A. Sp.).....
Los Angeles
- Moskedal, Gretta (L.A. 2).....Downey
- Moss, Blanche M. (L.A. 3) Long Beach
- Moss, Florence A. (L.A. 1) Los Angeles
- Moss, Vera L. (L.A. 4) Long Beach
- Mount, Marjorie G. (L.A. 4).....
San Dimas
- Mowry, Virginia R. (L.A. 4) Puente
- Moynahan, Genevieve (S. 1, L.A. 1).....
San Diego
- Muchmore, Lockhart L. (L.A. 1).....
Hynes
- Mudge, L. A. (C. 2).....Chicago
- Mueller, D. S. (C. 1).....Los Angeles
- Mulford, Ida B. (L. 1).....Los Angeles
- Mulhollen, H. S. (L.A. 4) Los Angeles
- Mullen, Dorothy R. (French Gr.).....
Compton
- A.B., Occidental College, 1921.
- Mullen, Mark (L.A. Sp.) Los Angeles
- Muller, Paul J. (L.A. 4) San Gabriel
- Mumper, C. H. (C. Sp.) Los Angeles
- Munce, Frances M. (L.A. 3).....
Illiopolis, Ill.
- Munger, Helen (L.A. 4).....
Huntington Park
- Munger, Stella (L.A. 1) Los Angeles
- Munro, Ivan (C. 1).....
Sedro Woolley, Wash.
- Munro, Marguerite E. (Sociology, A.M.).....
Anacortes, Wash.
- A.B., Southern California, 1919.
- Munroe, Eldora Frances (English Gr.).....
Santa Monica
- Munsey, Edwin (M. Sp.) Los Angeles
- Murray, Earl T. (L.A. 2) Los Angeles
- Murray, Helen R. (L.A. 3) Los Angeles
- Murray, Winifred G. (L.A. 1).....
Long Beach
- Murdock, Mrs. M. Margaret (L.A.
Sp.).....Los Angeles
- Murdock, Perry H. (L.A. 1) Dinuba
- Murrell, L. B. (C. 3) Los Angeles
- Murphy, Carobel (L.A. Sp.).....
Los Angeles
- Murphy, Agnes (M. Sp.) Los Angeles
- Murphy, Floyd M. (D. 1) San Diego
- Murphy, P. E. (L.A. 2) Glendale
- Murphy, L. W. (D. 3) Los Angeles
- Mussatti, James (L.A. 3) Los Angeles
- Myers, C. R. (D. 1) Lindsay
- Myers, Margaret R. (L.A. 1).....
Los Angeles
- Myers, Marie (L.A. 4) Downey
- Nagel, Nathan (L.A. 1) Los Angeles
- Nahr, Milton (L.A. 1) Long Beach
- Naive, Jessie J. (C. 1) Nashville, Tenn.
- Nakamura, Gongora (L. 3) Los Angeles
- Nasatir, Frances R. (L.A. 3).....
Los Angeles
- Nason, Craig (C. 1) Los Angeles
- Nason, Chas. R. (C. 1) Los Angeles
- Naugle, W. (P. 2) Anaheim
- Neal, Wm. H. (L. 1) Los Angeles
- Neblett, W. S. (L. 1) Los Angeles
- Needham, Lillian (M. Sp.) Los Angeles
- Needham, Mildred (M. Sp.) Los Angeles
- Needles, Mabel M. (L.A. 3) Altadena
- Neel, Helen (L.A. 4) Los Angeles
- Neel, Melvin (L.A. Sp.) Los Angeles
- Neen, W. A. (D. 4) Canada
- Nehr, Grace D. (L.A. Sp.) Los Angeles
- Neil, Edward (C. 1) Los Angeles
- Nelson, Alice J. (L.A. 2) Los Angeles
- Nelson, Arnold (C. 1) Long Beach

- Nelson, Clarence H. (L.A. 1).....Long Beach
 Nelson, Elmer S. (Economics A.M.).....Los Angeles
 A.B., Southern California, 1917.
 Nelson, F. R. (D. 2).....El Ceyon
 Nelson, Lura G. (L.A. Sp.).....Venice
 Nelson, Maude (M. Sp.).....Los Angeles
 Nelson, Miles G. (Religious Educ. Gr.).....Los Angeles
 A.B., Southern California, 1920.
 Nelson, O. N. (C. Sp.).....Los Angeles
 Nelson, Ruth (M. Sp.).....Los Angeles
 Nelson, R. H. (C. Sp.).....Los Angeles
 Neptune, Ruth B. (Sociology Gr.).....Los Angeles
 A.B., Southern California, 1918.
 Nerby, Clarence (C. 2).....Glendale
 Neuenburg, Donald H. (L.A. 1).....Alhambra
 Neugebauer, William F. (L.A. Sp.).....Glendale
 Neuhaert, Florence (L.A. 4).....Los Angeles
 Nevels, Pollyanna M. (L.A. Sp.).....Venice
 Newbury, A. J. (L.A. 1).....Porterville
 Newell, Juanita (L.A. 3).....Riverside
 Newman, Edith P. (L.A. 4).....Los Angeles
 Newman, Eloise A. (L.A. 1).....Los Angeles
 Newton, Abbie H. (Education Gr.).....Los Angeles
 A.B., Wellesley, 1904.
 Newton, Cornelius R. (L. 1).....Los Angeles
 Newton, Jas. A. (C. 3).....Long Beach
 Nichol, Merle (M. Sp.).....Los Angeles
 Nicholas, Lucille (L.A. 3).....Los Angeles
 Nicholas, Mildred (L.A. 1).....Los Angeles
 Nichols, Arthur L. (L.A. 3).....Santa Paula
 Nichols, Critia F. (L.A. 3).....Pasadena
 Nichols, Wanda (M. Sp.).....Los Angeles
 Nicholson, Dorothy (M. Sp.).....Los Angeles
 Nicholson, Helen E. (L.A. 3).....Long Beach
 Nicholson, Helen (M. Sp.).....Sawtelle
 Nicholson, Marion (Sociology Gr.).....Sawtelle
 A.B., Southern California, 1917.
 Nicholson, R. W. (C. Sp.).....Los Angeles
 Nickson, Jennie M. (L.A. 2).....Pasadena
 Niebauck, J. H. (C. Sp.).....Los Angeles
 Nienburg, A. H. (C. Sp.).....Los Angeles
 Nielson, Alton (L.A. 4).....Los Angeles
 Nielson, Anna (L.A. Sp.).....Long Beach
 Nielson, Lester C. (L.A. 1).....Los Angeles
 Nielson, T. (P. 2).....Victorville
 Niles, Dewey (C. 2).....San Diego
 Nisbet, Clara L. (L.A. 4).....Upland
 Nisben, Max (M. Sp.).....Los Angeles
 Nishimura, Yoshio (C. 2).....Los Angeles
 Nobe, Mary G. (L.A. Sp.).....Los Angeles
 Noble, Edna C. (L.A. 3).....La Verne
 Noble, Glanna A. (C. Sp.).....Los Angeles
 Noble, Grace (L.A. 3).....Oxnard
 Noble, Isabel B. (L.A. Sp.).....Long Beach
 Noble, Lorraine (Chemistry A.M. H.S.).....Los Angeles
 A.B., Southern California, 1921.
 Nocon, Damaso L. (L. 3).....Los Angeles
 Noe, Leland E. (D. 2).....Medford, Ore.
 Noll, C. R. (L.A. Sp; L. 1).....Los Angeles
 Nollar, Ezora K. (L.A. 2).....Los Angeles
 Nomura, Tory (L.A. 1).....Los Angeles
 Nonhof, Irene Janette (M. 3).....Corona
 Norcross, Eleanor (L.A. 2).....Los Angeles
 Nordahl (C. 2).....Escondido
 Norman, E. E. (C. Sp.).....Los Angeles
 Norman, John A. (L. 1).....Los Angeles
 Northmore, Helen Harriet (Sociology, Gr.).....Los Angeles
 A.B., University of California, 1921.
 Northway, Harry C. (P. 1).....Hughson
 Norton, Eleanor (L.A. Sp.).....Long Beach
 Norton, James B. (C. 1).....Bonita
 Norviel, John (L.A. 4).....Salem, N. M.
 Norviel, Rena M. (L.A. Sp.).....White Water, Colo.
 Nottbusch, John A. (C. 1).....Palomas, Ariz.
 Nowell, Ansel (L.A. 1).....Gilbert, Ariz.
 Nourse, Mary E. (L.A. 4).....Los Angeles
 Nourse, Walter L. (L.A. Sp.).....Eagle Rock
 Nuffer, Gladys G. (L.A. Sp.).....Whittier
 Nunn, Capitola (L.A. 4).....Los Angeles
 Nunn, Mrs. Janie (M. Sp.).....Pomona
 Nunn, W. H. (D. 1).....Los Angeles
 Nussbaum, Jack D. (C. Sp.).....Los Angeles
 Nutt, Kenneth (L.A. 1).....Los Angeles
 Nutt, Miss M. L. (D. 2).....Pasadena
 Nye, Alice B. (L.A. Sp.).....Los Angeles
 Nylin, Gladys L. (L.A. 1).....Los Angeles
 Oak, Liston M. (L.A. Sp.).....Long Beach
 Oakley, Earl L. (L. 3).....Los Angeles
 Oates, E. E. (L.A. 3).....Los Angeles
 O'Brien, J. L. (C. Sp.).....Los Angeles
 O'Brien, Wm. H. (C. 1).....Springfield, Ill.
 Obriket, Estella (S. Sp.).....Los Angeles
 Ockerman, Clara C. (L.A. Sp.).....Los Angeles
 O'Connor, Florence M. (L.A. 1).....Los Angeles
 O'Connor, Martha (M. Sp.).....Los Angeles
 O'Connor, Wm. C. (C. Sp.).....Los Angeles
 Odell, Don A. (L. 3).....Pasadena
 Odell, M. S. (Theology Gr.).....Los Angeles
 A.B., Occidental College, 1917.
 Odell, Hallard L. (Mathematics Gr.).....Long Beach
 Sioux Falls College, 1913.
 Oden, Charles (L.A. 2).....Los Angeles
 Oden, John (S. 2).....Los Angeles
 O'Donnell, James L. (L.A. Sp.).....Los Angeles
 Off, John (C. Sp.).....Los Angeles
 Ofstad, Helen M. (L.A. 4).....Los Angeles

- Oftstad, Margaret L. (L.A. 3).....Los Angeles
Ofuji, Yutaka (Oriental Stud. A.M.).....Japan
.....A.B., Waseda University, 1914.
Ogden, Bernice (Zoology Gr.).....Santa Monica
.....A.B., Southern California, 1921.
Ogden, Beverly W. (M. Sp.).....Los Angeles
Ogden, Ethel M. (L.A. Sp.).....Santa Monica
O'Laughlin, Ella (M. Sp.) Santa Monica
Oldfield, Lawrence L. (L. 1).....Pasadena
Olds, Ernest A. (C. 1).....Santa Barbara
Olson, Ed. H. (L.A. 3).....Pasadena
Oliver, F. (C. Sp.).....Los Angeles
Oliver, Glenora M. (L.A. 2) Los Angeles
Oliver, John (L.A. 2).....Long Beach
Oliver, Louise E. (P. 1).....Los Angeles
Oliver, Marie O. (L.A. 2).....Glendale
Olsen, Arthur W. (D. 2).....Tacoma, Wash.
Olson, Bert A. (D. 1).....Long Beach
Olsen, E. (P. 2).....Saskatoon, Can.
Olsen, E. K. (D. 2).....Barton, N. D.
Olsen, Paul L. (D. 1).....Los Angeles
Olsen, W. (P. 2).....Saskatoon, Can.
Olson, Francis M. (L.A. 1).....Prince, U.
Olson, Ruel L. (L. 3).....Los Angeles
Olson, R. E. (D. 3).....Los Angeles
Olson, Vivian (L.A. 1).....Los Angeles
Oneal, Charles (Education, A.M.).....South Pasadena
.....A.B., Southern California, 1920.
Oneal, Gertrude (L.A. Sp.).....Pasadena
Onstad, A. E. (C. Sp.).....Los Angeles
Onstad, C. B. (S. Sp.).....San Diego
Openshaw, D. L. (D. 2).....Provo, Utah
Ordway, Elizabeth M. (L.A. 1).....Los Angeles
O'Reilly, John J. (L. 2).....Los Angeles
Orem, Alice (L.A. Sp.).....Los Angeles
Orem, Gladys (L.A. 4).....Salt Lake City, U.
Orem, Margaret R. (L.A. 3).....Salt Lake City, Utah
Orme, G. E. (C. 1).....Los Angeles
Orme, Marshall (L. Sp.).....Los Angeles
Ormsby, Grace P. (L.A. Sp.).....Los Angeles
O'Rourke, Wm. D. (L.A. 3).....Los Angeles
Orth, Frances (M. Sp.).....Hayward
Orth, Phil (C. 1).....Los Angeles
Osburn, Elaine (L.A. 1).....Los Angeles
Osburn, Thos. A. (L. 1).....Santa Monica
Oster, Alexander (C. 1).....Los Angeles
Oster, Helen M. (L.A. 3).....Los Angeles
Osterburg, Hilda C. (L.A. Sp.).....Los Angeles
Osterman, Marcella L. (L.A. 3).....Los Angeles
Ostrander, Lurl (L.A. 1).....Maricopa
Ostrom, J. E. (D. 3).....Kingsbury
Otero, Ynez (L.A. Sp.).....Los Angeles
Otis, W. D. (C. Sp.).....Los Angeles
Ott, D. Myrtle (C. 1).....Long Beach
Ott, F. P. (D. 2).....Los Angeles
Oudermeulen, Wilbur (C. 4).....Los Angeles
Oudermeulen, Betty (M. Sp.).....Hayward
Oursland, H. (D. 2).....San Diego
Overholt, Elmer L. (L. 1).....Los Angeles
Overman, Wallace L. (L.A. Sp.).....Whittier
Overton, Thelma (M. Sp.).....Los Angeles
Owase, Nobujvio (L.A. Sp.).....Los Angeles
Owen, Claude (L.A. 3).....Los Angeles
Owen, Wm. D. (C. Sp.).....Los Angeles
Owen, Winifred Lee (L. 1).....San Francisco
Owlick, Bebe (M. Sp.).....Los Angeles
Pablasco, Charlotte (M. Sp.).....Los Angeles
Packard, Nevin E. (L.A. 1).....Los Angeles
Packer, Harry H. (P. 1).....Los Angeles
Packwood, Lydia (C. Sp.).....Los Angeles
Paddock, Chas. W. (L.A. 4).....Pasadena
Paddock, Florence (C. 3).....Phoenix, Ariz.
Paddock, Gertrude (M. Sp.).....Arizona
Padel, Orin L. (L.A. Sp.).....Los Angeles
Pagaspas, Juan V. (L. 3).....Lucena, P. I.
Page, Dauphine M. (L.A. 2).....Corona
Pallais, Blanca (M. Sp.).....Los Angeles
Pallais, Josephine (M. Sp.).....Los Angeles
Palmer, N. O. (D. 3).....Colton
Palmer, Paul E. (L. 1; L.A. 2).....Los Angeles
Palmer, W. S. (D. 4).....Los Angeles
Panza, Anthony (L. 1).....Los Angeles
Pariel, M. C. (D. 1).....Los Angeles
Parish, R. N. (C. Sp.).....Los Angeles
Parish, Velma (M. Sp.).....Idaho
Park, Aubrey R. (L.A. Sp.).....Los Angeles
Park, Homer J. (P. 1).....Corunna, Mich.
Parke, F. J. (L.A. Sp.).....Los Angeles
Parker, Eleanor M. (L.A. Sp.).....Los Angeles
Parker, F. Helen (L.A. 1).....Alhambra
Parker, George A. (L. 3).....Santa Ana
Parker, Harry C. (L.A. 1; L. 1).....Los Angeles
Parker, John C. (L. 2).....Los Angeles
Parker, Mildred L. (L.A. Sp.).....Venice
Parker, R. S. (C. Sp.).....San Diego
Parker, Sylvia (M. Sp.).....Los Angeles
Parmelee, G. W. (C. 1).....Pasadena
Parnell, Ruth H. (Psychology Gr.).....Los Angeles
.....A.B., Tulane University, 1919.
Parr, Anna C. (English H.S.).....San Antonio, Texas
.....A.B., Monmouth College, 1914.
Parrent, Mrs. Daisy E. (L.A. Sp.).....Los Angeles
Parry, Oswald (D. 3).....Redlands
Parsons, Emily R. (L.A. 3).....Los Angeles
Parsons, Frank W. (Mathematics Gr.).....Wakeman, O.
.....B.S., Monmouth College, 1914.

- Parsons, Marion A. (L.A. Sp.).....Pasadena
Parsons, Tessie D. (L.A. 1).....Calexico
Parsons, Vernon G. (L. A. Sp.).....
.....Rockham, S. D.
Partridge, Annie M. (L.A. Sp.).....
.....Pasadena
Partridge, — (C. Sp.).....Los Angeles
Pass, Victoria (L.A. Sp.).....Los Angeles
Patrick, Ellen K. (L.A. 2).....Los Angeles
Patterson, Dorothy L. (L.A. 1).....
.....Los Angeles
Patterson, Geo. S. G. (L.A. 1).....
.....Los Angeles
Pattison, Fay S. (C. Sp.).....Los Angeles
Pattison, Martin (C. 1).....Los Angeles
Patton, Fred W. (C. Sp.).....Los Angeles
Patton, Harold W. (L.A. Sp.).....
.....Casper, Wyo.
Patton, M. (P. 2).....Los Angeles
Patton, R. G. (C. Sp.).....Arlington, Texas
Pattullo, Mary E. (L.A. 1).....
.....Vancouver, B. C.
Pattullo, Ruth J. (L.A. 2).....
.....Vancouver, B. C.
Paul, Cassius E. (D. 1).....Santa Ana
Pearlson, M. L. (D. 4).....Los Angeles
Pease, Miles (P. 1).....Ocean Park
Pearson, Florence M. (L.A. 1).....
.....Anaheim
Pearson, Helen S. (L.A. 1).....Los Angeles
Peat, Lillian M. (L.A. 1).....Los Angeles
Peck, Donald R. (L. 3).....Los Angeles
Peck, Mabel M. (L.A. Sp.).....Campbell
Peck, Marjorie (M. Sp.).....Los Angeles
Peck, Mrs. W. K. (L.A. Sp.).....Compton
Pecson, Coaristo C. (L. 3).....Ago, P. I.
Pedgrift, Maude (L.A. 3).....Los Angeles
Peffer, Mary B. (L.A., M-Sp.).....
.....Los Angeles
Pekelo, Joseph A. (D. 1).....Long Beach
Pelletier, Josephine (M. Sp.).....
.....Los Angeles
Pellicciotti, A. (D. 2).....Los Angeles
Pelunis, Rudolph, Jr. (English, A.M.).....
.....Los Angeles
.....A.B., College of City of N. Y.,
.....1914.
Pemmuri, Andrew (P. 1).....Los Angeles
De la Pena (P. 2).....Los Angeles
Pendleton, Albertine (French, Gr.).....
.....Los Angeles
.....A.B., Southern California, 1921.
Pennock, Elizabeth C. (L.A. 4).....
.....Los Angeles
Penorasi, Edward A. (L. 3).....Los Angeles
Penrose, H. M. (D. 1).....Long Beach
Perdue, S. Lison (L.A. 3).....Los Angeles
Perdue, G. (P. 2).....Winston, Ariz.
Perego, Irene (M. Sp.).....Los Angeles
Perkins, Kendall B. (L. 2).....Long Beach
Perreguey, P. G. (C. Sp.).....Los Angeles
Perrot, Linna (L.A. 1).....Ottawa, Ill.
Perry, Harold E. (L.A. 4).....Fresno
Perry, Mildred A. (L.A. 2).....Sanger
Pescquirea, Ignacio (History, H.S.).....
.....San Fernando
.....A.B., Southern California, 1921.
Pesantes, Juan (L.A. 1).....Los Angeles
Peter, Fay V. (L.A. 3).....Los Angeles
Peterman, Helene E. (L.A. 2).....
.....San Diego
Peters, Claude Prentice (L. 1).....
.....Los Angeles
Peters, Meta W. (L. 1).....Cleveland, O.
Petersmeyer, Helen F. (L.A. 3).....
.....Los Angeles
Peterson, Burle E. (C. Sp.).....
.....Council Bluff, Ia.
Peterson, R. R. (S., L.A. 4).....
.....Los Angeles
Peterson, Roy S. (C. Sp.).....Los Angeles
Peterson, Thos. S. (L.A. 4).....Los Angeles
Peterson, Walter C. (C. Sp.).....
.....Wheaton, Minn.
Petteys, Sally E. (L.A. 1).....Los Angeles
Pettijohn, Henry (C. 2).....Los Angeles
Pettit, R. A. (C. Sp.).....Los Angeles
Petty, H. Morton (L.A. 1).....Clinton, Ia.
Pew, Franklin (L.A. 1).....Long Beach
Pfingstad, H. J. (C. Sp.).....Los Angeles
Phee, W. J. (C. Sp.).....Gardena
Phegley, Marida M. (L.A. 4).....
.....Los Angeles
Phelps, Alice S. (L.A. 4).....Los Angeles
Phelps, Arthur (L.A. 1).....Los Angeles
Phelps, Lou (M. Sp.).....Redondo Beach
Phelps, Ruth (M. Sp.).....Los Angeles
Philips, Jack (C. Sp.).....Los Angeles
Phillips, Annette M. (Sociology, Gr.).....
.....Los Angeles
Phillips, Elizabeth I. (L.A. 4).....
.....Los Angeles
Phillips, Frieda M. (L.A. 2).....Los Angeles
Phillips, Glen A. (L.A. Sp.).....Venice
Phillips, H. A. (C. Sp.).....Los Angeles
Phillips, Irene (S. 4).....Los Angeles
Phillips, Joseph (C. 2).....Los Angeles
Phillips, Lou F. (C. 1).....Eldon, Ia.
Phillips, Margaret K. (L.A. 1).....
.....Alhambra
Phillips, Marian (L.A. 3).....Phoenix, Ariz.
Phillips, Marie F. (L.A. 2).....
.....Phoenix, Ariz.
Phillips, W. R. (D. 2).....Long Beach
Phister, Henry E. (L. 2).....Los Angeles
Phythian, Wm. H. (C. 1).....Los Angeles
Pickell, Marjorie (M. Sp.).....Los Angeles
Pickens, Wm. E. (L.A. 3).....Bakersfield
Pidgeon, Karlton I. (L. 1; L.A. Sp.).....
.....Los Angeles
Pidgeon, Lowell W. (L.A. 1).....
.....Los Angeles
Pierce, Colvin (C. 1).....Los Angeles
Pierce, Prescott C. (M. Sp.).....
.....Los Angeles
Pierce, Sterling (L.A. 4).....Los Angeles
Pierson, Olive (M. Sp.).....Los Angeles
Pifer, Violet E. (L.A. 1).....Los Angeles
Pike, Miriam A. (L.A. Sp.).....Los Angeles
Pillow, W. M. (D. 4).....Los Angeles

- Pinkston, Reid A. (L. 2).....Los Angeles
Pinnick, Jos. A. (C. Sp.).....Los Angeles
Pinnolis, L. I. (D. 2).....Los Angeles
Piper, K. A. (C. Sp.).....Los Angeles
Pippin, L. V. (C. Sp.).....Los Angeles
Pirie, C. B. (C. Sp.).....Los Angeles
Pitman, L. E. (D. 3).....Long Beach
Pitts, Ruth H. (L.A. Sp.).....Pasadena
Pizza, Phillip (L.A. Sp.).....
.....Woodhaven, N. Y.
Place, Virginia (M. Sp.).....Los Angeles
Planalp, Lowell C. (L.A. 1).....Los Angeles
Planck, H. B. (D. 2).....Los Angeles
Plane, F. C. (C. Sp.).....Los Angeles
Plaskit, Harold W. (L.A. 1).....
.....Powell, Wyo.
Platt, Arthur C. (L.A. Sp.).....Los Angeles
Platt, Jean (L.A. 1).....Los Angeles
Platt, Marguerite (L.A. Sp.).....Pasadena
Platt, Marjorie (M. 4).....San Diego
Plub, W. W. (C. Sp.).....Los Angeles
Pobanz, H. A. (D. 2).....Los Angeles
Pockin, Max (P. 1).....Los Angeles
Poetker, Elmer (C. Sp.).....
.....Huntingburg, Ind.
Poindexter, V. (D. 2).....Los Angeles
Polkinghorn, Rena I. (L.A. 4).....
.....Los Angeles
Polkinghorn, Mrs. T. W. (C. Sp.).....
.....Los Angeles
Polley, Alta A. (M. Sp.).....Los Angeles
Pool, Kenneth E. (P. 1).....Los Angeles
Pool, R. B. (D. 2).....San Jacinto
Polsey, L. I. (C. Sp.).....Los Angeles
Polson, Roy R. (L.A. Sp.).....Los Angeles
Porter, Dorothy (L.A. 3).....Fullerton
Porter, Jesse Bach (L. 3).....Los Angeles
Porter, Persis B. (L.A. Sp.).....Los Angeles
Porter, Velda (M. Sp.).....Los Angeles
Porter, Wm. T. (L.A. 3).....Pasadena
Poschin, Max (L.A. Sp.).....Los Angeles
Posner, Nathan (D. 1).....Los Angeles
Poston, Helen (L.A. 4).....Dinuba
Pote, Harold F. (L. 1).....Los Angeles
Potter, Charles (C. 4).....Ocean Park
Potter, Mrs. Nellie I. (L.A. Sp.).....
.....Los Angeles
Potter, H. L. (D. 1).....Torrance
Potts, Geo. C. (L. 1).....Evanston, Ill.
Pound, A. E. (D. 3).....Vancouver, B.C.
Powell, K. W. (D. 2).....Reedley, Colo.
Powers, Anna B. (L.A. Sp.).....Gardena
Powers, Annie L. (L.A. Sp.).....Long Beach
Powers, Claire (L.A. Sp.).....Long Beach
Powers, G. (P. 2).....Long Beach
Powers, Mrs. Harry (M. Sp.).....Glendale
Powers, Marguerite E. (L.A. Sp.).....
.....Los Angeles
Pradeau, A. F. (D. 3).....Sonora, Mex.
Prater, Lamar (L.A. 1).....Los Angeles
Pratt, Bertha (L.A. Sp.).....Los Angeles
Pratt, Dell (L.A. Sp.).....Long Beach
Pratt, Mary (C. Sp.).....Los Angeles
Paul, Warner I. (L. 2).....San Diego
Prelusky, M. (P. 2).....St. Louis, Mo.
Prestidge, Wm. C. (L.A. 1).....Dinuba
Preston, Elizabeth (C. 2).....San Diego
Price, Edwin (Education, Gr.).....
.....Hawthorne
.....A.B., Southern California, 1920.
Price, Eleanor (L.A. Sp.).....Ocean Park
Price, Rebecca (Religious Educa.
A.M.).....Ocean Park
.....A.B., Southern California, 1920.
Price, Thelma (C. 1).....Santa Ana
Prichard, Velma L. (L.A. 1; M. Sp.).....
.....Fresno
Pride, Nettie J. (L.A. 4).....Los Angeles
Priest, H. W. (C. Sp.).....Los Angeles
Prince, Arthur E. (L.A. 2).....Pasadena
Prince, Ruth (L.A. 4).....Pasadena
Prince, William (P. 1).....Los Angeles
Pringle, J. D. (C. Sp.).....Los Angeles
Prioleau, Mary (M. Sp.).....Los Angeles
Prioleau, Sue (M. Sp.).....Los Angeles
Prior, Elizabeth (L.A. 4).....Los Angeles
Prior, Gary E. (Economics).....Riverside
.....A.B., Southern California, 1921.
Pritchard, Marcus B. (L.A. 1).....
.....Lisbon, O.
Probert, G. (P. 2).....Torrance
Prothers, Mary J. (L.A. Sp.).....
.....Los Angeles
Pruden, Leo (D. 1).....Sawtelle
Pruitt, Ursula (P. 1).....Los Angeles
Pryor, Harry (L.A. 1).....Los Angeles
Puckett, Inez E. (L.A. 2).....Pomona
Puff, Norbert A. (L.A. 1).....Los Angeles
Purpus, Edw. C. (L. 3).....Los Angeles
Pursell, James L. (L.A. 2).....Strathmore
Purtell, Edw. C. (L.A. 2).....Los Angeles
Quail, Jarvis T. (L. 2).....Hayward, Wis.
Quarton, Thos. I. (L.A. 4).....Anaheim
Quinby, Mayme C. (C. 3).....Los Angeles
Raab, Marion P. (L. 2).....South Pasadena
Rabe, Mary Eliz. (M. Sp.).....Redlands
Raddon, L. H. (D. 3).....Park City, Utah
Radford, Julia S. (L.A. 1).....Culver City
Raines, Chas. D. (P. 1).....
.....Huntington, W. Va.
Raines, E. Laboyd (P. 1).....
.....Huntington, W. Va.
Rainey, Garnet C. (L. 1).....Los Angeles
Ralph, Alice M. (L.A. 1; M. Sp.).....
.....San Diego
Ralph, Walter W. (L.A. 4).....San Diego
Ramsaur, Will I. (L.A. 4).....Los Angeles
Ramsey, Edgar (L.A. 1).....Hanford
Ramsey, Marie B. (L.A. 1).....Los Angeles
Randall, Helen M. (L. 3).....Los Angeles
Randall, Marion F. (L.A. 2).....Highland
Randle, Ralph G. (L.A. 1).....Pasadena
Raney, N. C. (D. 2).....Santa Ana
Ranger, C. S. (C. Sp.).....Los Angeles
Ranger, S. W. (C. Sp.).....Los Angeles
Rankin, E. L. (D. 3).....Los Angeles
Ransom, Lyda (M. Sp.).....Los Angeles
Ranyard, Constance (M. Sp.).....
.....Ocean Park
Rapaport, Zigmund (P. 1).....
.....Pittsburgh, Pa.
Raphael, Robert (C. Sp.).....Los Angeles

- Rapp, Carrie (C. Sp.).....Los Angeles
 Rapp, Wendell (L.A. 1).....Los Angeles
 Rasmussen, Ellen R. (L.A., M. Sp.).....
Los Angeles
 Rasmussen, Lila (L.A. 3).....Los Angeles
 Rasmussen, P. L. (D. 2).....Ontario
 Rastall, Charlotte (L.A. 4).....Los Angeles
 Rathbun, Lyle L. (D. 1).....Los Angeles
 Raw, Alice M. (L.A. 3).....Los Angeles
 Ray, Joseph (L. 1).....Los Angeles
 Ray, M. B. (C. Sp.).....Los Angeles
 Raymond, J. Harvey (P. 1) Dallas, S. D.
 Raymond, Ruth B. (L.A. 2).....
Ocean Park
 Rea, John T. (L.A. 1).....Los Angeles
 Read, Herbert C. (L.A. 1).....Long Beach
 Reames, Roy (L. 2).....Los Angeles
 Reay, Dwight H. (L. 1).....Los Angeles
 Reay, Russell H. (L. 2).....Los Angeles
 Rebok, Gladys M. (L.A. 4).....
Santa Monica
 Record, H. J. (C. Sp.).....Los Angeles
 Reddish, Clara H. (L.A. Sp.).....
Los Angeles
 Redinger, J. Frank (L.A. 2).....
Los Angeles
 Redwine, Gwyn S. (L.A. 2) Los Angeles
 Redwine, Kent H. (L. 3).....Los Angeles
 Reed, Fred O. (L. 1).....Los Angeles
 Reed, John M. (L.A. 2).....Los Angeles
 Reed, Margaret I. (L.A. Sp.).....
San Bernardino
 Reed, Nelia (L.A. 2).....Redondo Beach
 Reeder, Paul A. (L.A. 1).....Los Angeles
 Rees, Elinor E. (English Gr.).....
Alhambra
A.B., Southern California, 1921.
 Rees, Jack C. (L.A. 2).....Los Angeles
 Rees, Paul S. (L.A. 3).....Pasadena
 Reese, Evangeline (M. 4).....Ohio
 Reeves, Olga (M. Sp.).....Los Angeles
 Reeves, Richard E. (C. Sp.) Los Angeles
 Reger, Joel (M. Sp.).....Alhambra
 Reich, Benjamin N. (L.A. Sp.).....
Los Angeles
 Reid, Brice C. (C. 2).....Los Angeles
 Reid, Elizabeth (L.A. 2).....Fillmore
 Reid, R. H., Jr. (C. Sp.).....Los Angeles
 Reid, Thomas (L.A. 1).....Los Angeles
 Reinke, Gertrude H. (L.A. Sp.).....
Los Angeles
 Reinwald, Rene (C. Sp.).....Los Angeles
 Renouard, Clarence S. (D. 1).....
Butte, Mont.
 Repine, J. E. (D. 4).....Pasadena
 Reslock, Jennie H. (L.A. Sp.).....
Los Angeles
 Reynolds, E. W. (D. 3).....Springville, U.
 Reynolds, Helen M. (L.A. 4).....
Los Angeles
 Reynolds, Robert L. (C. 3).....Long Beach
 Reynolds, Walter C. (History Gr.).....
Canton, Okla.
A.B., Greenville College, 1920.
 Rhoades, Elizabeth (L.A. Gr.).....
Long Beach
 Rhodes, C. E. (D. 3).....Los Angeles
 Rhodes, H. Berenice (L.A. 4).....
Los Angeles
 Rhodes, Wm. W. (C. 2).....Los Angeles
 Rhynsbarger, Martha (L.A. 1; M.
 Sp.).....Los Angeles
 Ricca, Vetran A. (L. 3).....Los Angeles
 Rice, C. L. (D. 3).....Huntington, W. Va.
 Rice, Chas S. (D. 1).....Los Angeles
 Rice, Malcolm S. (D. 1).....Pasadena
 Rich, Carl A. (P. 1).....Los Angeles
 Rich, T. (C. Sp.).....Los Angeles
 Richards, Alma W. (L. 1).....Los Angeles
 Richards, Curtis W. (L. 1).....Long Beach
 Richards, C. W. (C. 2).....Los Angeles
 Richards, Edwin H. (L. 2).....Pomona
 Richards, Lucile H. (L. 1).....Burbank
 Richards, Marcella L. (L.A. Sp.).....
Eagle Rock
 Richards, M. Winifred (English Gr.).....
Eagle Rock
A.B., Southern California, 1916.
 Richards, Walter J. (L. 1).....Pasaden
 Richardson, Ardy E. (L.A. 3).....
Los Angeles
 Richardson, Bess W. (History A.M.).....
Los Angeles
A.B., Southern California, 1911.
 Richardson, Frank (P. 2; L.A. Sp.).....
Inglewood
 Richardson, F. B. (C. 3).....Claremont
 Richardson, G. D. (C. 1).....Claremont
 Richardson, Gerald W. (L.A. Sp.).....
Charlevoix, Mich.
 Richardson, Howell W. (L. 1).....
Los Angeles
 Richardson, J. E. (C. Sp.).....Los Angeles
 Richardson, Mattie L. (L.A. 3).....
Los Angeles
 Richey, Alice (L.A. Sp.).....Long Beach
 Richey, Hazel (M. Sp.).....Los Angeles
 Riddle, John T. (L.A. 1).....Pasadena
 Riddle, Royal S. (L. 1; L.A. Sp.).....
San Pedro
 Riegler, Gordon A. (L.A. 4).....
Los Angeles
 Riehl, Julian W. (L.A. 1).....Los Angeles
 Rieke, Pearl (L.A. Sp.).....Covina
 Riendeau, A. W. (D. 1).....Los Angeles
 Rifkind, Meyer H. (L.A. 1; P. 1).....
Los Angeles
 Rifkind, Wm. H. (P. 1).....Los Angeles
 Rigby, Edw. J. (P. 1).....Los Angeles
 Riggins, Paul (L.A. Sp.).....Los Angeles
 Riggs, E. S. (D. 3).....Vancouver, B.
 Riggs, H. Arthur (C. 2).....Los Angeles
 Riley, C. (P. 2).....Los Angeles
 Riley, Nell (C. Sp.).....Los Angeles
 Riley, Portia A. (History Gr.).....
Los Angeles
A.B., Southern California, 1921.
 Rinearson, M. M. (C. Sp.).....Los Angeles
 Ripple, Martha (M. Sp.).....Los Angeles
 Ritchey, Gwynneth J. (L.A. 4).....
San Diego
 Ritschard, Mildred (M. Sp.) Los Angeles

- Rittenhouse, Muriel (L.A. Sp.).....
 Los Angeles
- Ritter, Doris (M. Sp.).....Arizona
- Ritter, Hillman H. (L.A. 2).....
 Los Angeles
- Roach, Alice I. (L.A. Sp.).....Los Angeles
- Roach, Berniece (L.A. 3).....Woodland
- Roach, Leonard J. (L. 3).....Los Angeles
- Roach, L. W. (D. 1).....McGregor, Tex.
- Roalfe, Wm. R. (L. 3).....Los Angeles
- Roan, Geo. W. (L.A. 1).....Long Beach
- Robb, Lyndon (C. 2).....Los Angeles
- Robb, Marson S. (L.A. 3).....Los Angeles
- Robb, Mary E. (L.A. Gr.).....Long Beach
- Robb, Rebecca (C. 1).....Los Angeles
- Robbins, Dora (C. Sp.).....Los Angeles
- Robbins, Dr. Geo. (L.A. Sp.).....Pasadena
- Robbins, Mary E. (L.A. 2).....
 San Francisco
- Roberts, A. M. (L.A. 2).....Los Angeles
- Roberts, Carroll C. (L. 2).....Eagle Rock
- Roberts, Dorothy H. (L.A. 2).....
 Long Beach
- Roberts, Grace L. (L.A. Sp.).....Spencer
- Roberts, John N. (C. Sp.).....Los Angeles
- Roberts, Marcus L. (L. 2).....Los Angeles
- Roberts, Mary C. (L.A. Sp.).....Venice
- Roberts, Russell (C. 4; M. Sp.).....
 Long Beach
- Roberts, Turner F. (L.A. Sp.).....
 Los Angeles
- Roberts, Vera (L.A. Sp.).....Victor, Colo.
- Roberts, Winifred (L.A. 4).....Los Angeles
- Robertson, Edna (M. Sp.).....Los Angeles
- Robertson, James C. (D. 1).....Los Angeles
- Robertson, Jeanette (M. Sp.).....
 Los Angeles
- Robillard, Mary L. (L.A. Sp.).....
 Los Angeles
- Robinson, Clarence J. (L.A. 2).....
 Los Angeles
- Robinson, Dorothy J. (L.A. 1).....
 Los Angeles
- Robinson, Gould H. (L.A. 4).....
 Los Angeles
- Robinson, Hortense (M. Sp.).....Pasadena
- Robinson, Ione (C. Sp.).....Los Angeles
- Robinson, John W. (L.A. 4).....
 Los Angeles
- Robinson, Lee A. (L.A. 4).....Pasadena
- Robinson, Mrs. Lina (M. Sp.).....
 Bakersfield
- Robinson, Myra Withers (Religious
 Educa.).....Los Angeles
- A.B., University of Nebraska, 1913.
- Robinson, Pauline S. (L.A. 3).....Pasadena
- Robinson, Ray A. (L. 2).....Pasadena
- Robinson, Robt. H. (Religious Educa.
 Gr.).....Los Angeles
- A.B., Monmouth College, 1911.
- A.M., Princeton, 1914.
- Robinson, Miss T. (P. 2).....Douglas, Ariz.
- Robinson, Vivian (L.A. 1).....Los Angeles
- Robinson, Wm. W. (L.A. 1).....Los Angeles
- Roby, Frank C. (L.A. 2).....Coronado
- Rockwell, Raymond C. (L.A. 2).....
 Long Beach
- Roddy, Claude A. (D. 1).....Culver City
- Rodenburg, Reynold E. (C. 3).....Pasadena
- Rodetsky, Meldon (L. 1).....Los Angeles
- Roesch, Esther E. (Education Gr.).....
 Aurora, Ill.
- Mt. Holyoke College, 1903.
- Roesch, Katherine (L.A. 1).....Los Angeles
- Rogers, Dorothy J. (L.A. 4).....Los Angeles
- Rogers, Dorothy (L.A. 3).....Los Angeles
- Rogers, Harold J. (C. Sp.).....Oxnard
- Rogers, Lloyd E. (L. 2).....Los Angeles
- Rogers, Lloyd D. (P. 1).....Reedley
- Rogers, Mary (M. Sp.).....Los Angeles
- Rogers, Mary S. (L.A. 3).....Denver, Colo.
- Rogers, Ruth E. (L.A. 2).....Ozark, Mo.
- Rogers, Ruth L. (L.A. 4).....Los Angeles
- Rohman, Mrs. Sue (M. Sp.).....Los Angeles
- Rohrig, Anna L. (L.A. 4).....Upland
- Rolfe, Frank (Economics Gr.).....
 Los Angeles
- A.B., Stanford, 1898.
- Roll, Silas Earnest (L.A. 1).....
 Los Angeles
- Ronkin, Miriam R. (M. Sp.).....
 Los Angeles
- Rooney, L. P. (C. Sp.).....Los Angeles
- Root, Carrie (M. Sp.).....Paso Robles
- Root, Chas. R. (L.A. 4).....Los Angeles
- Root, Frank (C. 1).....Paso Robles
- Root, Geo. E. (L.A. 3).....Paso Robles
- Rose, C. W. (C. Sp.).....Los Angeles
- Rose, D. T. (C. Sp.).....Los Angeles
- Rose, Margaret (M. Sp.).....Los Angeles
- Rosen, David (D. 1).....Los Angeles
- Rosenthal, B. (C. Sp.).....Los Angeles
- Rosenthal, Jennie (M. Sp.).....Los Angeles
- Rosine, Victor (C. Sp.).....Los Angeles
- Ross, Altabelle (L.A. S. 2).....
 San Fernando
- Ross, Hazel Dawn (Sociology Gr.).....
 Los Angeles
- A.B., Southern California, 1921.
- Ross, Hazelle D. (L.A. 2).....
 San Fernando
- Ross, Mary E. (L.A. 3).....Los Angeles
- Ross, J. (D. 2).....Los Angeles
- Ross, J. Gordon (D. 1).....
 Sedro Woolley, Wash.
- Rosser, James (L.A. 1).....Phoenix, Ariz.
- Rossiter, M. (P. 1).....Salt Lake City, U.
- Rosso, L. (D. 3).....Los Angeles
- Roth, Leo (C. Sp.).....Los Angeles
- Rotstein, Peter T. (D. 1).....Los Angeles
- Roudebush, Elma M. (L.A. 1).....
 Long Beach
- Rounan, Gladys C. (C. 1).....Los Angeles
- Rounan, Gladys R. (L.A. 1).....
 Los Angeles
- Rouse, Wallace P. (L. 1).....Thermal
- Rout, J. W. (D. 2).....Los Angeles
- Routh, Louis (C. 1).....Los Angeles
- Rouveyrol, Aurania E. (English
 A.M.).....Los Angeles
- A.B., Stanford University, 1909.

- Rowe, Gladstone M. (L.A. Sp.).....
.....Los Angeles
- Rowe, Grace Marian (Religious
Educa.)..... Long Beach
A.B., Smith College, 1921.
- Rowe, Harold I. (L. 2).....Long Beach
- Rowe, Leonard E. (L. 2).....Long Beach
- Rowley, Robt. E. (L.A. 3).....Glendale
- Roxstrum, R. F. (C. Sp.).....Los Angeles
- Royer, C. S. (C. 4).....Arcadia, Neb.
- Rubidoux, Mildred (C. 4).....Arcadia, Neb.
- Rucklos, Werner (C. Sp.).....Long Beach
- Rueger, M. Emilie (L.A. Sp.).....
.....El Segundo
- Ruenitz, E. T. (C. 1).....Los Angeles
- Rufener, Jules G. (P. 1).....Bakersfield
- Rumsey, Helen G. (L.A. Sp.).....
.....Los Angeles
- Runge, Louis C. (L. 1).....Long Beach
- Rupp, Miriam L. (L.A. 1).....Maricopa
- Rusling, Cora S. (Education Gr.).....
.....Santa Monica
A.B., Pasadena University, 1921.
- Russell, Anna V. (L.A. 2).....Long Beach
- Russell, Mae Leone (M. Sp.).....
.....Los Angeles
- Russell, Melba D. (L.A. 2).....Pasadena
- Russell, P. A. (D. 3).....Norwalk
- Russell, Pauline (L.A. 2).....Norwalk
- Russell, R. R. (D. 4).....Los Angeles
- Rust, J. M. (C. Sp.).....Los Angeles
- Rutherford, Alvirda M. (L.A. 1; M.
Sp.)..... Colton
- Ruthven, H. F. (C. Sp.).....Los Angeles
- Ryan, Chas. L. (L. 1).....Los Angeles
- Ryan, Joseph (L. 3).....Los Angeles
- Ryan, M. (L.A. 1).....Colton
- Ryan, Milan E. (L.A. 1).....
.....South Pasadena
- Ryder, Winifred J. (L.A. 4).....
.....Los Angeles
- Ryerson, Chas. L. (L. 1).....Los Angeles
- Ryerson, Hal (C. Sp.).....Los Angeles
- St. Gene, Jos. W. (L.A. 1).....Los Angeles
- St. Louis, Edw. C. (L.A. 1).....
.....Los Angeles
- St. Pierre, Henri E. (L.A. Sp.).....
.....South Pasadena
- Sackett, A. T. (C. Sp.).....Los Angeles
- Sadler, Elizabeth K. (English A.M.
H.S.).....Los Angeles
B.S. Teachers' College, Columbia
University, 1918.
- Saeta, Ben J. (Education Gr.).....
.....Los Angeles
B.S., Pennsylvania State College,
1917.
- Sakamoto, Seizo (P. 1; L.A. Sp.).....
.....Sada, Japan
- Sallstrom, Ada M. (L.A. Sp.).....
.....Los Angeles
- Saltonstall, S. D. (L.A. 1).....Pomona
- Salzman, G. T. (C. Sp.).....Los Angeles
- Samels, Fred A. (C. 2).....Los Angeles
- Sampson, John Philip (L.A. 1).....Orange
- Sampliner, Selma J. (Sociology Gr.)...
.....Los Angeles
A.B., Smith College, 1921.
- Sanchez, Cruz E. (Commerce Gr.)....
.....Philippine Islands
A.B., St. Thomas University, P. I.,
1917.
- Sandahl, Mrs. Mabel (M. Sp.).....
.....Los Angeles
- Sandberg, Lillone (L.A. 4).....Elgin, Ill.
- Sandow, Edith (L.A. 2).....Los Angeles
- Sanderson, L. H. (D. 2).....Los Angeles
- Sandham, B. (C. Sp.).....Los Angeles
- Sandmeyer, Paul (L. 1).....Los Angeles
- Sandusky, F. J. (C. Sp.).....Los Angeles
- Sanford, Maude C. (C. Sp.) Los Angeles
- Sanger, Clyde W. (L.A. Sp.).....
.....Los Angeles
- Sanger, Marion (C. Sp.).....Los Angeles
- Sano, Jos. K. (L. 1).....Williams, Ariz.
- Sapiro, Hazel S. (L.A. 2).....Los Angeles
- Sargent, Thos. B. (L.A. 3).....Los Angeles
- Sarvay, Merle R. (L.A. Sp.).....
.....Carthage, New York
- Sashihara, Thos. T. (L.A. 1).....
.....Los Angeles
- Sato, Jessie (L.A. 1).....Los Angeles
- Satz, Israel W. (L.A. 2).....New York City
- Sauerman, Walter E. (L.A. 2).....
.....Santa Ana
- Saunders, Miss A. (P. 2).....Fresno
- Saunders, Dorothy (L.A. 4) Los Angeles
- Saunders, Mathew K. (L.A. Sp.).....
.....Los Angeles
- Sawtter, Gwendolyn (M. Sp.).....
.....Los Angeles
- Sawyer, Frank P. (L.A. Sp.).....
.....Los Angeles
- Sawyer, G. W. (L.A. 1).....Bell
Saylin, D. (D. 4).....Venice
- Schackman, Daniel E. (L.A. 1).....
.....Woodhaven, N. Y.
- Schader, F. P. (D. 3).....Santa Monica
- Schaeffer, Arthur F. (L.A. 1).....
.....Inglewood
- Schaefer, Hilpert F. (L.A. 3).....
.....El Paso, Tex.
- Schaf, Lucile McD. (L. 3).....Los Angeles
- Schafer, C. G. (D. 3).....Los Angeles
- Schafer, Mrs. Mary B. (L.A. Sp.).....
.....Venice
- Schaffner, R. G. (D. 1).....Glendale
- Schaffter, Adah E. (Education H.S.
A.M.).....Pasadena
A.B., Pasadena University, 1916.
- Scharf, Keil J. (L. 2).....Los Angeles
- Scheib, Thelma G. (C. 2) Maquoketa, Ia.
- Schell, Dorothy H. (L.A. 2).....Pasadena
- Schellhous, W. S. (C. Sp.).....Los Angeles
- Schepback, Mabel (C. Sp.).....Los Angeles
- Schepler, F. H. (C. Sp.).....Los Angeles
- Schieber, Mary A. (L.A. 1) Los Angeles
- Schiller, Geo. S. (L.A. 3).....Los Angeles
- Schlaack, Rhea I. (L.A. 2; S. 2).....
.....Los Angeles
- Schlaen, Wm. J. (M. Sp.).....Los Angeles

- Schlageter, Pearl (M. Sp.)...Los Angeles
 Schlesinger, A. E. (C. 1)...San Francisco
 Schmidt, Geo. (L.A. 3)...Los Angeles
 Schmidt, Margaret A. (L.A. 1)...
Los Angeles
 Schneider, Geo. A. (C. Sp.)...Los Angeles
 Schneider, Irving (C. Sp.)...Los Angeles
 Schneller, Clifford F. (L. 1) Los Angeles
 Schneller, Donna (L.A. 3)...Los Angeles
 Schoenfeldt, Wm. M. (P.1) Los Angeles
 Schoettler, Edna (C. Sp.)...Los Angeles
 Schonle, Hattie A. (L.A. 3)...Gardena
 Schorr, Wm. B. (C. Sp.)...Los Angeles
 Scholing, Wendell W. (L.A. 1)...
Los Angeles
 Schoonmaker, Helen M. (P. 3; L.A.
 3)...Santa Monica
 Schooshan, E. D. (D. 3)...Fresno
 Schopback, Mabel (C. Sp.)...Los Angeles
 Schulenberg, Harold (L. 1)...Los Angeles
 Schulenberg, Harold H. (L.A. 1)...Taft
 Schulenberg, Orville A. (L.A. 1)...Taft
 Schultz, Lawrence H. (L.A. 4)...
Fullerton
 Schultz, Raymond (C. 1)...Los Angeles
 Schulz, Karl (L.A. 1)...Los Angeles
 Schumacher, Oliver E. (L. A. 2)...
Los Angeles
 Schupissier, Chas. (L.A. Sp.)...
Switzerland
 Schurr, Geo. M. (L.A. 3)...Puente
 Schurr, Willard (L.A. 1)...Puente
 Schutt, E. L. (D. 1)...Los Angeles
 Schwamm, Geo. (D. 1)...Los Angeles
 Schwartz, Abe (P. 1)...Needles
 Schwartz, Thelma (M. Sp.) Los Angeles
 Schwartz, W. E. (D. 1)...Los Angeles
 Schwarzkopf, C. T. (C. Sp.)...Arcadia
 Schofield, Anna (L.A. 2)...Covina
 Scott, C. Carlyle (C. 4)...Princeton, Ill.
 Scott, Donald (C. 1)...Porterville
 Scott, Helen (M. Sp.)...San Bernardino
 Scott, John M. (L. 2)...Los Angeles
 Scott, Karleton F. (Chemistry Gr.)...
Santa Ana
 A.B., Occidental College, 1921.
 Scott, Leonore S. (L.A. 4)...Los Angeles
 Scott, Vivian (L.A. Sp.)...Long Beach
 Scoville, Flora C. (Education H.S.
 A.M.)...Ft. Morgan, Colo.
 A.B., Wellesley, 1910.
 Scruggs, Pearl (L.A. 2)...Porterville
 Seabolt, Ruth (L.A. 2)...Los Angeles
 Seamans, S. D. (L.A. Sp.; S. 2)...
East Aurora, Ill.
 Searles, H. D. (C. Sp.)...Los Angeles
 Seaver, Ruth (L.A. 2; S. 2)...
Los Angeles
 Secrest, Thompson R. (L.A. 2)...
Arvada, Colo.
 Seeber, Laurence F. (P. 1)...
San Luis Obispo
 Seeley, Blance (C. Sp.)...Los Angeles
 Seely, Miriam (L.A. Sp.)...Yucaipa
 Seidenberg, E. J. (D. 1)...Los Angeles
 Seibert, Wm. A. (C. 1)...Los Angeles
 Seitter, Carl C. (Rel. Educa. A.M.)...
Glendale
 A.B., Southern California, 1921.
 Selig, Boone Helen (L.A. 3)...
Los Angeles
 Selig, Gail B. (L. 3)...Los Angeles
 Seel, Blanche G. (L.A. 4)...Tujunga
 Serrano, Manuel (C. Sp.)...Los Angeles
 Sesma, F. F. (C. Sp.)...Los Angeles
 Settles, Henry L. (L.A. 1)...Los Angeles
 Severance, Mildred (L.A. 4)...Santa Ana
 Severy, Mrs. Hortense (M. Sp.)...
Los Angeles
 Sewall, Chas. B. (C. Sp.)...Los Angeles
 Sewell, F. R. (L.A. 1)...Los Angeles
 Sewell, Franklin (L.A. Sp.)...
Los Angeles
 Sexton, Andrew D. (L.A. 4)...
Los Angeles
 Sexton, Chas. W. (L.A. 1)...Coronado
 Sexton, Geo. F. (L. 3)...Los Angeles
 Seymour, Margaret (L.A. Sp.)...
Redondo Beach
 Seymour, Russell B. (L. 2)...Pasadena
 Seymour, Sophie B. M. (L.A. 3)...
Pasadena
 Shaeffer, Eva (L.A. 1)...Chino
 Shaff, Amy M. (L.A. 4)...Van Nuys
 Shaffer, Aubrey D. (L.A. 2)...
Columbus, Ohio
 Shaipro, Evelyn (M. Sp.)...Los Angeles
 Shakley, Martin F. (L.A. 3)...
Los Angeles
 Shamel, Florence E. (L.A. 4)...San Diego
 Shamel, Olive V. (L.A. 1)...San Diego
 Shane, Georgia C. (L.A. 3)...Tujunga
 Shapiro, Morriss (C. 2)...Los Angeles
 Sharp, Chester G. (L. 2)...Los Angeles
 Sharp, James R. (L. 1)...Los Angeles
 Sharpe, Mrs. Mary B. (L.A. 3)...
Pasadena
 Sharpless, Ada M. (L.A. 4)...Santa Ana
 Sharpless, Claire (L.A. 1)...Santa Ana
 Shaw, R. W. (D. 4)...Los Angeles
 Shaw, Rollo E. (L. 3)...Los Angeles
 Shaw, Waldo B. (D. 1)...Los Angeles
 Sheddian, Geo. A. (C. Sp.)...Los Angeles
 Sheldon, Albert L. (L. Sp.)...
Los Angeles
 Sheldon, Benjamin (L. 1)...Los Angeles
 Sheldon, Geo. W. (L.A. Sp.)...
Los Angeles
 Sheldon, H. Benjamin (L.A. Sp.)...
Los Angeles
 Shelp, Mabelle T. (L.A. 2)...Los Angeles
 Sheltz, Viola (M. Sp.)...Los Angeles
 Shenefield, P. R. (D. 2)...Pomona
 Shepherd, Henry D. (R. 3)...
McCook, Neb.
 Shepherd, Rowena (L.A. 4)...Inglewood
 Sherer, A. C. (D. 4)...Los Angeles
 Sherer, R. E. (D. 4)...Los Angeles
 Sherer, Chester (L.A. 1)...Pasadena
 Sherinian, Lucy (C. Sp.)...Los Angeles
 Sherrod, Chas. C. (C. 1)...Los Angeles
 Sherwin, Fred P. (L.A. 3)...Lankershim

- Shideler, Bernice E. (History, H.S. A.M.) Hemet A.B., Southern California, 1921.
- Shideler, Susan A. (L.A. 4) Hemet
- Shiebley, Justin E. (C. 1) Los Angeles
- Shiell, Oscar B. (D. 1) Los Angeles
- Shiells, Lester T. (L.A. 2) Fillmore
- Shill, M. J., (L.A. Sp.) Los Angeles
- Shillinglaw, Harry (P. 1) Cedar Falls, Iowa
- Shimada, Kusuki H. (L.A. 2) San Pedro
- Shindler, Geo. F. (L.A. 2) Los Angeles
- Shirey, Mirbell M. (L.A. 1) Los Angeles
- Shirley, Arthur E. (L.A. Sp.) Los Angeles
- Short, Edward (L.A. 2) Los Angeles
- Shuck, Carl H. (L.A. 3) Fresno
- Shull, Mrs. Tillie (L.A. 4) Los Angeles
- Shumate, Agnes J. (Gr.) Venice St. Tcher's College, Greeley, Colo., 1906.
- Shunk, F. Adell (L.A. Sp.) Los Angeles
- Shurtz, L. (D. 2) Escalante, Utah
- Shute, Adelia R. (Hist., H.S.) Hermosa Beach A.B., University Southern California, 1919.
- Sickman, Mrs. L. A. (L.A. Sp.) Los Angeles
- Siegel, Esther (S. 1) Los Angeles
- Siegel, Sam (L. 1) Detroit, Mich.
- Siemens, H. (C. Sp.) Los Angeles
- Sieroty, J. M. (C. 1) Los Angeles
- Siewart, Walter R. (L.A. Sp.) Pasadena
- Siggers, Mary P. (L.A. Sp.) Washington, D. C.
- Sigler, Elmer G. (L. 3) Los Angeles
- Silke, Wm. H. (C. 2) Los Angeles
- Silver, A. (D. 2) Los Angeles
- Silver, Elizabeth G. (L.A. Sp.) Burbank
- Silver, J. H. (D. 4) Los Angeles
- Silver, Ruby (L.A. 4) Los Angeles
- Silvera, Joe (D. 1) San Juan Bautista
- Silverman, R. W. (L.A. Sp.) Los Angeles
- Silverman, Wm. (L.A. Sp.) Los Angeles
- Silvius, Paul T. (L.A. 4) Los Angeles
- Simmons, Guy M. (L.A. Sp.) Jackson, Tenn.
- Simons, Clarence A. (C. 3) Los Angeles
- Simpson, Edythe D. (Sociol., A.B., 1921, U. S. C.) Los Angeles
- Simpson, James A. (C. Sp.) Los Angeles
- Simpson, Nettie (C. Sp.) Los Angeles
- Sims, Burton R. (L. 1) Los Angeles
- Sinclair, Mary F. (L.A. 1) Los Angeles
- Siple, Allen G. (L.A. 4) Los Angeles
- Sischo, Doris J. (L.A. 4) Santa Monica
- Sischo, Marian (M. Sp.) Santa Monica
- Sischo, Phoebe K. (L.A. 1; M. Sp.; S. 3) Santa Monica
- Sister, Cecilia (M. Sp.) Santa Monica
- Sister, Clara (M. Sp.) Santa Monica
- Sister Joseph Marie (M. Sp.) Santa Monica
- Sister, Loretta (M. Sp.) Santa Monica
- Shepner, Harry (C. 2) Los Angeles
- Skinner, E. S. (C. Sp.) Los Angeles
- Skleners, Joseph G. (L.A. 4) Los Angeles
- Slaker, Lou F. (L.A. 1) Alhambra
- Slasor, Roy V. (D. 3) Los Angeles
- Slaughter, Chas. F. (P. 1) Los Angeles
- Slaughter, J. A. (D. 2) Fellows, Cal.
- Sloan, Amelia M. (L.A. Sp.) Santa Monica
- Smalley, Joan (M. Sp.) Glendale
- Smalley, Louise J. (L.A. 1) Los Angeles
- Smart, James H. (L. 1) Los Angeles
- Smelser, May C. (L.A. Sp.) Los Angeles
- Smeltzer, Howard W. (P. 1) Los Angeles
- Smiley, David E. (C. 2) Santa Ana
- Smith, A. M. (C. 3) Los Angeles
- Smith, Alice M. (L.A. 3) Los Angeles
- Smith, Basil (C. 2) Los Angeles
- Smith, Ben (C. 1) Los Angeles
- Smith, Cassieta (L.A. 3; M. Sp.) Los Angeles
- Smith, Claude N. (C. 3) Los Angeles
- Smith, Clement Harden (Education, A.B., 1921, U. S. C.) Huntington Park
- Smith, Clifford M. (L.A. 3) San Fernando
- Smith, Clinton S. (L.A. 3) San Fernando
- Smith, C. Roy (L. 3) Long Beach
- Smith, C. W. (D. 1) Pasadena
- Smith, D. E. (C. Sp.) Los Angeles
- Smith, E. J. (C. Sp.) Los Angeles
- Smith, Ernest D. (C. Sp.) Sierra Madre
- Smith, Esther A. (L.A. 3) Rochester, N. Y.
- Smith, Evelyn (L.A. 2) Long Beach
- Smith, F. H. (D. 1) San Fernando
- Smith, Frances L. (L.A. 1) Los Angeles
- Smith, Frank L. (L.A. 1) Los Angeles
- Smith, Graves C. (L.A. 4) Los Angeles
- Smith, Harold (C. 1) Los Angeles
- Smith, Herbert L. (L. 2) Los Angeles
- Smith, H. H. (D. 2) Los Angeles
- Smith, Hillebert W. (C. 2) Los Angeles
- Smith, Isabel (L.A. Sp.; M. Sp.) Pasadena
- Smith, James H., Jr. (L. 3) Los Angeles
- Smith, James Murray (L. 1) Los Angeles
- Smith, Lillian (C. Sp.) Los Angeles
- Smith, M. L. (D. 2) Phoenix, Ariz.
- Smith, Margaret Ethel (C. 3) Los Angeles
- Smith, Mrs. Margaret H. (L.A. Sp.) Los Angeles
- Smith, Martha L. (L.A. 1) Los Angeles
- Smith, Merrill (M. Sp.) Los Angeles
- Smith, Mildred L. (L.A. 4) Los Angeles
- Smith, M'ilo S. (L. 2) Glendale

- Smith, Nell (L.A. 2).....Los Angeles
 Smith, N. R. (D. 1).....Santa Monica
 Smith, Olive E. (L.A. Sp.).....Pasadena
 Smith, Rachel G. (S. 4; M. Sp.).....
Los Angeles
 Smith, Raymond G. (L.A. Sp.).....
Los Angeles
 Smith, Ridley C. (L. 3).....Los Angeles
 Smith, Robert B. (D. 1).....Los Angeles
 Smith, Rose R. (L.A. Sp.).....Los Angeles
 Smith, Roy D. (L.A. 3; L. 1).....
San Pedro
 Smith, Ruth Marie (L.A. Sp., M. Sp.).....
Los Angeles
 Smith, S. S. (C. Sp.).....Los Angeles
 Smith, Thelma I. (L.A. 1).....Los Angeles
 Smith, Violet M. (C. 4).....Bakersfield
 Smith, Wm. Leland (D. 1).....
Santa Monica
 Smith, Wilda (C. Sp.).....Los Angeles
 Smock, H. H. (C. Sp.).....Los Angeles
 Smuckler, Elijah M. (L. 3).....Los Angeles
 Smurr, Janice S. (L.A. 2).....Los Angeles
 Smutz, Huber E. (L.A. 1).....Los Angeles
 Snavelly, Ethel (M. 4).....Los Angeles
 Snavelly, Evelyn (L.A. 1).....Los Angeles
 Snavelly, Irwin (L. 2).....Los Angeles
 Snethlege, Jacob Leonard (Education)
Monrovia
 Utrecht, 1919.
 Snodgrass, Lida E. (L.A. 1).....
Los Angeles
 Snoke, Kenneth E. (C. 3).....Los Angeles
 Snow, Mrs. Blanche (S. Sp.).....
Los Angeles
 Snow, Ruth L. (L.A. 4).....Los Angeles
 Snowden, Mildred (L.A. 1).....Los Angeles
 Snyder, Gladys L. (Educ., Gr.).....
Los Angeles
 Snyder, Hope (L.A. Sp.).....Corning
 Soister, J. C. (D. 3).....Los Angeles
 Solior, C. W. (D. 2).....Evanston, Wyo.
 Solomon, Esther M. (L.A. Sp.).....Bell
 Solomen, Gertrude (P. 1).....Los Angeles
 Solomon, J. R. (C. Sp.).....Los Angeles
 Soloria, Benito (C. 3).....Los Angeles
 Somers, Sarah T. (L.A. Sp.).....
Nogales, Ariz.
 Somerville, Dorothy (L.A. 1).....
Deming, N. M.
 Sommer, R. E. (C. Sp.).....Los Angeles
 Soo Hoo, Peter (L.A. 4).....Los Angeles
 Sorenson, E. (D. 3).....Los Angeles
 Soules, John B. (L.A. 3).....Cudahy
 Southwell, Jack M. (L.A. 1).....
Los Angeles
 Soverign, Theresa (M. Sp.).....Corning
 Sparrow, Mrs. Zefer (M. Sp.).....Burbank
 Spaulding, A. W. (D. 2).....Los Angeles
 Spaulding, H. H. (C. Sp.).....Los Angeles
 Spaulding, Josie C. (L.A. Sp.).....
Los Angeles
 Specht, Ida L. (L.A. Sp.).....Los Angeles
 Speed, Robert C. (C. 3).....Los Angeles
 Speer, George (C. Sp.).....Los Angeles
 Speicher, R. A. (D. 4).....Fullerton
 Spera, Wm. (L. 1).....Los Angeles
 Sperry, D. R. (C. Sp.).....Los Angeles
 Speyer, Marie C. (L.A. 2).....Los Angeles
 Spinner, Jean (M. Sp.).....Long Beach
 Sprauer, O. G. (D. 1).....
Huntington Park
 Sprigg, Rodney (L. 1).....Los Angeles
 Spring, Carl C. (L.A. 2).....Los Angeles
 Spring, Paul Edward (Hist., H.S.).....
Los Angeles
 A.B., Southern California, 1921.
 Sprinkel, Virginia (L.A. Sp.).....
Los Angeles
 Sproul, Leason L. (C. 1).....Los Angeles
 Spurlock, Sue (L.A. Sp.).....Venice
 Squire, Winston (D. 1).....Los Angeles
 Squires, Bessie E. (L.A. Sp.).....Pasadena
 Squires, S. Adah (L.A. Sp.).....Pasadena
 St. Clair, Pauline (M. Sp.).....Los Angeles
 Stack, Wickliffe (C. Sp.).....Los Angeles
 Staddon, Charles G. (L.A. 1).....
Los Angeles
 Stafford, Claude C. (L.A. 2).....
Long Beach
 Stagg, Samuel (L.A. 4).....Pasadena
 Stahl, Louis D. (L. 1).....Los Angeles
 Stailey, Wesley L. (C. Sp.).....Los Angeles
 Stalder, Ona (L.A. 4).....Riverside
 Stallcup, L. B. (D. 1).....Globe, Ariz.
 Stalmer, Reginald (C. 1).....San Gabriel
 Stamp, Lillian M. (L.A. 1).....Los Angeles
 Standlee, E. J. (D. 3).....Downey
 Standlee, Jean E. (L.A. 2).....Los Angeles
 Stanforth, T. J. (C. Sp.).....Los Angeles
 Stanley, E. S. (C. Sp.).....Los Angeles
 Stanley, W. L. (C. Sp.).....Los Angeles
 Stannard, G. E. (D. 2).....Ashland, Ore.
 Stansberry, Roy N. (L.A. 1).....
Los Angeles
 Stark, W. C. (D. 3).....Santa Ana
 Starr, E. P. (C. Sp.).....Los Angeles
 Stavely, Maude (L.A. 1).....
Phoenix, Ariz.
 Stead, Henry (C. 1).....Inglewood
 Stearn, Arnold W. (C. 1).....
Shawnee, Okla.
 Stebbins, F. E. (D. 2).....Santa Barbara
 Steele, Helen (Eng. Gr.).....Los Angeles
 A.B., Southern California, 1919.
 Steele, John W. (L. 2).....Los Angeles
 Steele, Mattie L. (Econ. Gr.).....
Los Angeles
 A.B., Southern California, 1915.
 Steelhead, Bert F. (Oriental Studies)
Whittier
 A.B., Southern California, 1921.
 Steelman, Samuel (L. 2).....Venice
 Steen, John F. (D. 1).....San Diego
 Steffes, Adam (L. 3).....Los Angeles
 Stehly, Leo P. (D. 1).....(Deceased)
 Steifl, Mrs. (C. Sp.).....Los Angeles
 Steinberg, Edward (C. 2).....Los Angeles
 Steinberg, E. C. (C. Sp.).....Los Angeles
 Steiner, Margaret (History, Gr.).....
Los Angeles
 A.B., Occidental, 1918.

- Steinmiller, Lucille (L.A. Sp.)...Oxnard
 Steinour, Harold H. (L.A. 3).....
Los Angeles
 Steinour, L. Marie (L.A. 3).....
Los Angeles
 Stelzner, R. H. (C. Sp.).....Los Angeles
 Stern, Helen (L.A. 1).....Los Angeles
 Sterry, Nora (Soc., Gr.).....Los Angeles
 A.B., Southern California, 1920.
 Sterz, Miss E. (P. 2).....Los Angeles
 Stevens, C. W. (D. 2).....Los Angeles
 Stevens, Denzil (L.A. 3).....Long Beach
 Stevens, Maurine L. (L.A. 2).....
Los Angeles
 Stevenson, D. R. (D. 2).....Downey
 Steward, Katherine H. (L.A. 3, M.
 Sp.).....Anaheim
 Stewart, Chas. B. (L. 2).....Los Angeles
 Stewart, Grant (L. 3).....Los Angeles
 Stewart, Marshall (L.A. 3).....Los Angeles
 Stewart, Mary (C. Sp.).....Los Angeles
 Stewart, Wm. H. (C. 4).....Los Angeles
 Stickney, Jefferson K., Jr. (L. 3).....
San Diego
 Stickney, Edith P. (Hist., H.S.).....
Los Angeles
 A.B., Vassar College, 1919.
 Stidger, Mrs. Isabel (L.A. Sp.).....
Los Angeles
 Stiefel, Mrs. Nettie (L.A. Sp.).....
Los Angeles
 Stiefel, W. E. (C. Sp.).....Los Angeles
 Stiff, Marie (Soc. H.S. A.M.).....
Los Angeles
 A.B., Southern California, 1921.
 Stiles, Maxwell (L.A. 1).....Los Angeles
 Still, Elizabeth (L.A. 3).....Los Angeles
 Stilwell, Wm. A. (C. Sp.).....Los Angeles
 Stivers, Hildegard (L.A. Sp.).....
Los Angeles
 Stock, Anthony (C. Sp.).....Los Angeles
 Stockburger, R. R. (C. Sp.).....
Los Angeles
 Stockton, Wm. H. (L.A. 4).....Los Angeles
 Stoddard, Geo. E. (L. 2).....Los Angeles
 Stoddart, L. Kling (C. 3).....Los Angeles
 Stoker, Ralph (D. 1).....Selma
 Stokes, Oscar (P. 1).....Riverside
 Stokes, W. H. (C. Sp.).....Los Angeles
 Stokes, F. L. (C. Sp.).....Los Angeles
 Stokes, H. B. (C. Sp.).....Los Angeles
 Stokes, Willard E. (L. 1).....Los Angeles
 Stolberg, Myrtle B. (C. Sp.).....
Los Angeles
 Stollar, Lydia (L.A. 1).....Pasadena
 Stollar, Maurice (M. Sp.).....Los Angeles
 Stolz, Mrs. Margaret (L.A. Sp.).....
Los Angeles
 Stoltz, Roy D. (L.A. Sp.).....Los Angeles
 Stone, B. Elmer (L.A. 2).....Inglewood
 Stone, Farl (M. Sp.).....Los Angeles
 Stone, Ethel M. (L.A. 2) (S. 1).....
Inglewood
 Stone, Gladys (L.A. 4).....Portales, N. M.
 Stone, John G. (L. 2).....Los Angeles
 Stone, John H. (L.A. 1).....
Mansfield, Ark.
 Stoneham, Sarah E. (L.A. 4).....
Los Angeles
 Stonier, Kenneth (Cm. 2).....Los Angeles
 Stonsberry, Roy N. (S. Sp.).....
Los Angeles
 Stormont, W. P. (C. Sp.).....Los Angeles
 Stotenbur, Herbert W. (L.A. Sp.).....
Tacoma, Wash.
 Stranathan, Leland (C. 1).....Los Angeles
 Street, Gertrude (S. 2).....Los Angeles
 Stretton, J. H. (C. Sp.).....Los Angeles
 Strobeck, E. W. (C. Sp.).....Los Angeles
 Strong, Roe (L.A. Sp.).....Los Angeles
 Stroud, W. H. (C. Sp.).....Los Angeles
 Stryker, R. N. (C. Sp.).....Los Angeles
 Sturdevant, Reed E. (C. 1).....
Rhineland, Wis.
 Stuart, C. E. (D. 2).....Ventura
 Stuart, Charles M. (L.A. 3).....
Los Angeles
 Stuart, J. W. (C. 1).....Springfield, Ill.
 Stull, Glenn B. (L.A. 4).....Los Angeles
 Stunston, James (L.A. 4).....Mayfield, Ky.
 Sturgeon, D. P. (D. 2).....Los Angeles
 Sturgeon, H. S. (D. 2).....Los Angeles
 Sturgeon, John A. H. (L. 2).....Monrovia
 Sturgis, Ruth (M. Sp.).....Los Angeles
 Stuthman, Dorothea (L.A. Sp.; M. 4)
Los Angeles
 Styskal, Jack (L. 1, L.A. Sp.).....
Omaha, Neb.
 Sueda, Masu (L.A. Sp.).....Los Angeles
 Swiss, O. G. (D. 1).....Redlands
 Sullivan, B. (P. 2).....Los Angeles
 Sullivan, Edward T. (L.A. Sp.; L. 1)
Los Angeles
 Summers, H. J. (L.A. 3).....Los Angeles
 Summers, Thelma R. (L.A. 2).....
Los Angeles
 Summerskill, John H. (L. 1).....
Kent, Eng.
 Surratt, Mark T. (L. 2).....Polaski, Va.
 Surryhne, Rodney (L.A. 3).....Modesto
 Sutphen, Evalyn I. (L.A. 4, M. 3).....
Whittier
 Sutton, Mabel (C. Sp.).....Los Angeles
 Suyeda, Geo. (L.A. 2).....Los Angeles
 Suzawa, Thomas K. (L.A. 4).....
Los Angeles
 Swallen, Melva L. (L.A. 1).....Pasadena
 Swan, V. R. (D. 3).....Coronado
 Swanson, Albert E. (C. 4).....Kingsburg
 Swanson, Mamie H. (L.A. 3).....
Los Angeles
 Swasey, Lloyd H. (P. 1).....
Tonopah, Nev.
 Swayze, Boyd W. (L.A. 1).....Pasadena
 Sweet, Lawrence E. (L. 1).....Los Angeles
 Sweet, M. A. (D. 1).....Los Angeles
 Sweet, Nora M. (L.A. 4).....San Gabriel
 Sweetser, Genevieve (L.A. 1).....
South Pasadena
 Sykes, Walter E. (C. 2).....Los Angeles
 Symons, Helen E. (L.A. 3).....Los Angeles

- Faber, Chas. W. (C. Sp.).....Los Angeles
 Faber, Wm. P. (C. 1).....Argos, Ind.
 Facht, Albert J. (L.A. 3).....Los Angeles
 Facht, A. H. (S. Sp.).....Los Angeles
 Tadakuma, Chica (L.A. 2).....Los Angeles
 Tafoya, Jessie M. (L.A. 4).....Los Angeles
 Tatt, Harold (C. 3, M. Sp.).....Los Angeles
 Takahashi, Seijiro (Econ., M.A.).....Tokio, Japan
 Ph.B., Bethany College.
 Takita, Mitsugi (L.A. Sp.).....Los Angeles
 Tanaka, A. H. (C. Sp.).....Los Angeles
 Tanaka, Kimie (M. Sp.).....Los Angeles
 Tanenbaum, N. (D. 3).....Los Angeles
 Tangner, Alma M. (L.A. 3).....Los Angeles
 Tannenbaum, David (L. 2).....Los Angeles
 Tapley, Gustavus S. (L.A. 2).....Los Angeles
 Tarr, C. W. (C. 2).....Sierra Madre
 Tarr, Floyd L. (L.A. 4).....San Pedro
 Tarr, Leslie R. (L. 3).....Glendale
 Tarter, Leona (M. Sp.).....Los Angeles
 Tassey, Edward S. (L. 2).....McKeesport, Pa.
 Taubman, George P. (L. 3).....Long Beach
 Tayian, Diran (P. 1).....Fresno
 Tayian, Peter (P. 1).....Fresno
 Taylor, C. C. (L.A. 3).....Santa Monica
 Taylor, Fred G. (L. 1).....Los Angeles
 Taylor, Howard (L.A. 1).....Los Angeles
 Taylor, J. F. (C. Sp.).....Los Angeles
 Taylor, Julia A. (L.A. Sp.).....Los Angeles
 Taylor, Katherine (L.A. 2).....Glendale
 Taylor, Mae D. (L.A. 4).....El Modena
 Taylor, Mary A. (L.A. Sp.).....Los Angeles
 Taylor, Mary L. (L.A. Sp.).....Santa Monica
 Taylor, Mary (M. Sp.).....Los Angeles
 Taylor, Rose Edith (History).....Los Angeles
 A.B., Southern California, 1919.
 Taylor, Stanley K. (L.A. Sp.).....Los Angeles
 Taylor, Wayne (M. Sp.).....Los Angeles
 Teeple, W. D. (D. 1).....Canton, Ohio
 Teeter, Lillian E. (L.A. 1).....Los Angeles
 Tellez, A. C. (D. 2).....Atascadero
 Tempkin, Bertha B. (L.A. 3).....Los Angeles
 Temple, Katherine E. (L.A. 1).....Los Angeles
 Templeton, R. P. (C. Sp.).....Los Angeles
 Terrass, Clara G. (L.A. 4).....Los Angeles
 Terrell, W. H. (C. 2).....Los Angeles
 Terry, Hughes C. (C. 1).....Inglewood
 Terry, Mabel (L.A. Sp.; S. 4).....Orange
 Tester, Theresa J. (L.A. Sp; M. Sp.).....Los Angeles
 Shacker, M. Eva (Hist. Gr.).....Los Angeles
 A.B., Southern California, 1921.
 Thelin, Harold B. (L.A. 1).....Van Nuys
 Thilo, Frances H. (L.A. Sp.).....Los Angeles
 Thilo, Mamie W. (L.A. Sp.).....Los Angeles
 Thing, Mrs. M. O. (L.A. Sp.).....Los Angeles
 Thoborg, Mabel (L.A. 4).....Eagle, Colo.
 Thomas, Alma L. (L.A. 1).....Los Angeles
 Thomas, Audrey D. (P. 1).....Los Angeles
 Thomas, Auld (L.A. Sp.).....Los Angeles
 Thomas, Mrs. E. B. (L.A. Sp.; M. Sp.).....La Verne
 Thomas, Edison A. (L. 3).....Long Beach
 Thomas, Florence E. (L.A. 4).....Los Angeles
 Thomas, Kenneth (L. 1).....Los Angeles
 Thomas, Leonard E. (L. 2).....Los Angeles
 Thomas, Mrs. Maybelle (M. Sp.).....Los Angeles
 Thomas, Thos. M. (L.A. 3).....Pasadena
 Thomas, W. W. (D. 3).....Los Angeles
 Thompson, Allen K. (L.A. 4).....Los Angeles
 Thompson, B. (D. 3).....High Grove
 Thompson, Clifford H. (L. 3).....Burbank
 Thompson, Earl P. (L. 3).....Burbank
 Thompson, Ferris W. (L.A. 2).....Bells, Tenn.
 Thompson, Flo (M. Sp.).....Los Angeles
 Thompson, G. R. (C. Sp.).....Los Angeles
 Thompson, Gordon (L.A. 1).....San Diego
 Thompson, H. S. (D. 4).....Toppenish, Wash.
 Thompson, John (C. Sp.).....Los Angeles
 Thompson, Joseph (L. 1).....Paula Valley, Okla.
 Thompson, Mary (L.A. 2).....Los Angeles
 Thompson, Merritt M. (Education, A.M.).....Los Angeles
 A.B., Denver University, 1909.
 Thompson, Milton I. (L.A. Sp.).....Alhambra
 Thompson, Miriam (M. Sp.).....Los Angeles
 Thompson, Olive (L.A. 1).....Los Angeles
 Thompson, Scott A. (C. 1).....San Pedro
 Thompson, Sarah B. (History, H.S.).....Pasadena
 A.B., Southern California, Feb., 1922.
 Thompson, Virginia A. (L.A. 1).....Pasadena
 Thomsen, Louis (L.A. 2).....Los Angeles
 Thomson, Phil G. (L. 2).....Los Angeles
 Thomson, R. W. (C. 3).....Lima, Ohio
 Thorley, F. (C. Sp.).....Los Angeles
 Thornber, Harve C. (C. Sp.; L.A. Sp.).....Los Angeles
 Thornburg, Nina I. (L.A. Sp.).....Los Angeles
 Thornton, Archie (C. 4).....Norwalk
 Thornton, Macke E. (L.A. 1).....Elberton, Ga.
 Thoroughgood, H. M. (C. Sp.).....Los Angeles
 Thorpe, Roane (L. 3).....Los Angeles
 Threlkeld, J. A. (D. 1).....Los Angeles
 Thurner, Freda (M. Sp.).....Los Angeles
 Thurston, Adele (M. Sp.).....Pennsylvania

- Tiernan, Phil (L.A. 2).....Barstow
 Tiesler, H. (D. 1).....Selma
 Tietsworth, Marshall (L.A. 1).....
Las Animas, Colo.
 Tilton, Ellen H. (L. 2).....Long Beach
 Tilton, Edgar (L. 1).....Pasadena
 Timourian, Leon (L. 1).....Fresno
 Tipton, Viola Rose (Chemistry, H.S.)
McPherson, Kan.
 B.S., Kansas State Agricultural Col-
 lege, 1916.
 Titte, Irwin (P. 1).....Cleveland, Ohio
 Titus, Anna L. (L.A. 4).....Long Beach
 Tobie, Helen M. (L.A. 3).....Los Angeles
 Tomokatsu, Kaga (Economics, Gr.)
Japan
 A.B., Waseda University, 1916.
 Tompkins, Emmet A. (L. 1).....Alhambra
 Tomkins, Mrs. Mabel (M. Sp.).....
New Mexico
 Toms, Ivy (P. 1).....Los Angeles
 Toolen, Andrew J. (L. 3).....Los Angeles
 Toothaker, W. L. (L.A. 3).....Exeter
 Torkelson, H. T. (C. Sp.).....
Sioux Rapids, Iowa
 Torvik, Olaf J. (L.A. 2).....
University Place, Neb.
 Totten, Clarence E. (C. Sp.).....McArthur
 Totten, Donald C. (L.A. 1).....Long Beach
 Totton, Jewel L. (L.A. Sp.; M. Sp.)
Derby, Kan.
 Totton, Valeria A. (L.A. 4).....Los Angeles
 Tousley, T. K. (D. 4).....Los Angeles
 Tovey, Herbert (M. Sp.).....Los Angeles
 Tower, Flora W. (L.A. Sp.).....
New York City
 Tower, Roderick (L.A. Sp.).....
Philadelphia, Pa.
 Townsend, Albert (C. Sp.).....Los Angeles
 Towt, Donald (L.A. 1).....Lindsay
 Toy, Alice C. (L.A. Sp.).....Pasadena
 Toyama, Chotoku (L.A. Sp.).....
Los Angeles
 Trammel, Geo. W. (L. 3).....Long Beach
 Trautman, L. C. (L.A. 2).....Los Angeles
 Travers, Florence (M. Sp.).....Los Angeles
 Travis, Adelaide (M. Sp.).....Los Angeles
 Travis, Albert (M. Sp.).....Los Angeles
 Treat, C. V. (D. 2).....Los Angeles
 Trengrove, A. Kenyon (L.A. 2).....
Los Angeles
 Trenoweth, Florence M. (L.A. 1).....
Los Angeles
 Tribble, A. F. (C. Sp.).....Los Angeles
 Triesch, C. R. (C. Sp.).....Los Angeles
 Triester, A. I. (C. Sp.).....Los Angeles
 Trindle, Margaret (L.A. 2).....
Shanghai, China
 Triplett, Clyde C. (L. 1).....Redlands
 Tripp, Geo. F. (History, Gr.).....
Pueblo, Colo.
 A.B., Fairmont College, 1915.
 Trjtzensky, Leongard (L. A. Sp.).....
Harbin, China
 Troth, Frank D. (P. 1).....Riverside
 Trout, George G. (L.A. 4).....Burbank
- Truesdell, Helen W. (English, A.M.)
Los Angeles
 A.B., Southern California, 1918.
 Tunashima, Shinichi (Oriental Studies
 Gr.).....Port Arthur, China
 A.B., Doshisha University, 1919.
 Truesdale, Elsie (L.A. 4).....Dinuba
 Tucker, Alice Marian (L.A. 3).....
Los Angeles
 Tucker, Wm. A. (L.A. Sp.).....Long Beach
 Tully, B. E. (D. 2).....San Diego
 Turley, Eleanor T. (L.A. 4).....
Santa Monica
 Turley, Theresa E. (L.A. 4).....
Los Angeles
 Turner, C. R. (C. 2).....Los Angeles
 Turner, Dorcas (L.A. 1).....Los Angeles
 Turner, Forest B. (C. 1).....
Huntington Beach
 Turner, Frank D. (L.A. 3; C. 3).....
Los Angeles
 Turner, Grace M. (L.A. 4).....Los Angeles
 Turner, H. (P. 2).....Los Angeles
 Turner, Harford D. (L. 3).....Bell
 Turner, Juanita (L.A. Sp.).....Los Angeles
 Tuthill, Gretchen L. (L.A. 2).....
Los Angeles
 Tweedy, Stanley E. (L. 1).....Venice
 Tylicki, B. M. (D. 1).....Long Beach
 Tyron, W. Ralph (C. 1).....Los Angeles
 Tyrrell, Hillard (C. 1).....Los Angeles
 Ulmar, Valentina (Economics, Gr.)
Los Angeles
 B.S., Boston University, 1918.
 Ulmer, Irving (M. 3).....Los Angeles
 Uncapher, H. (P. 2).....Los Angeles
 Underhill, Jackson E. (L.A. 2; L. 1)
Long Beach
 Underwood, Mary (L.A. 3).....Los Angeles
 Unmack, Albert M. (L.A. 1).....
Long Beach
 Upton, Anne H. (L.A. 3).....Los Angeles
 Upton, Margaret (L.A. 1).....Los Angeles
 Utter, Arder G. (P. 1).....Long Beach
 Utzinger, Chas. (C. Sp.).....Los Angeles
 Vale, Frances T. (L.A. 2).....Los Angeles
 Valenzuela, Cruz Z. (C. 2).....
Philippine Islands
 Valenzuela, Jesus Z. (L.A. 1).....
Philippine Islands
 Valentine, Beth (L.A. 4).....Casey, Iowa
 Van Aken, Sadie (L.A. Sp.).....
Long Beach
 Van Arnum, Dorothy B. (L.A. 1).....
Los Angeles
 Van Berger, Gerald C. (L.A. Sp.).....
Los Angeles
 Van Camp, Mary (L.A. 3).....Los Angeles
 Vance, A. J. (D. 2).....Medford, Ore.
 Vance, Donald W. (L.A. 3).....Los Angeles
 Vance, W. C. (D. 1).....Medford, Ore.
 Vandeburg, Hattie M. (L.A. Sp.).....
Los Angeles
 Vandenhoff, H. J. (C. Sp.).....Los Angeles
 Van Gilder, F. R. (D. 1).....Los Angeles

- Van Kirk, Grace W. (Latin, H.S.).....
 Newton Centre, Mass.
 A.B., Denison University, 1921.
- Van Loan, Vera (M. Sp.).....Redlands
- Van Pelt, B. (D. 4).....Aledo, Ill.
- Van Pelt, Richard A. (L.A. 4).....
 Glendale
- Van Winkle, E. M. (D. 2).....Los Angeles
- Van Wormer, Chas. M. (L.A. 3).....
 Los Angeles
- Van Zandt, Vernon (L.A. 4).....
 Los Angeles
- Varley, E. W. (D. 3).....Pueblo, Colo.
- Varden, Arthur E. (L.A. 1).....
 Los Angeles
- Varney, Addison G. (L.A. 2).....Imperial
- Varney, Marion (L.A. 2).....Los Angeles
- Vasey, Lucius B. (L.A. 2).....Los Angeles
- Vawter, Nellie (English, Gr.).....
 Santa Monica
 A.B., Southern California, 1919.
- Veiner, Fred P. (D. 1).....Los Angeles
- Venerable, Grant D. (L.A. 1).....
 Los Angeles
- Veon, Ralph J. (L. 2).....Bakersfield
- Veon, Roland J. (D. 1).....Bakersfield
- Vercoe, Violet H. (L.A. 4).....Alhambra
- Vermilyea, Violet C. (L.A. 1).....
 Los Angeles
- Vestergard, Luther R. (L.A. 2).....
 Chicago, Ill.
- Vigne, Fernand Jr. (C. Sp.).....
 Los Angeles
- Villasenor, Victor M. (L.A. 1).....
 Mexico City, Mex.
- Vimont, Charlotte C. (L.A. Sp.).....
 Los Angeles
- Vincent, Ray (C. 2).....Porterville
- Vincent, Roy (C. 1).....Porterville
- Virden, Creta (M. Sp.).....Los Angeles
- Vivian, Robert E. (Chemistry, A.M.).....
 Los Angeles
 A.B., Southern California, 1917.
- Vivien, Mrs. R. E. (M. Sp.).....
 Los Angeles
- Vobayda, Latimer K. (L. 3).....
 Monterey Park
- Voelkel, Will (C. 1).....Los Angeles
- Volansky, Evelyn (L.A. Sp.).....
 Los Angeles
- Volin, J. J. (D. 3).....Hot Springs, S. D.
- Volk, Edward E. (L. 2).....Pasadena
- Volp, Stanley H. (L. 1).....Los Angeles
- Vonder Reith, Katherine M. (L.A. 1).....
 Los Angeles
- Von Herzen, Constantine (L. 1).....
 Los Angeles
- Von Mohr, Frank (L.A. 2).....Los Angeles
- Vonsovich, Leo J. (L.A. 2).....
 Manchuria, China
- Von Stein, Frederick (L.A. Sp.).....
 Los Angeles
- Wade, Chas. R. (L.A. 2).....Marion, Ala.
- Wadleigh, Blanche H. (L.A. 3).....
 Hynes, Cal.
- Wager, Nat B. (P. 1).....Chicago, Ill.
- Waggener, Roy G. (L.A. Sp.).....
 Los Angeles
- Wagner, A. S. (C. Sp.).....Los Angeles
- Wagner, Arnold Henry (Education).....
 Los Angeles
 A.B., Southern California, 1919.
- Wagner, Carlotta C. (L.A. Sp.).....
 Los Angeles
- Wagner, M. Winona (L.A. Sp.).....
 Los Angeles
- Wagner, Samuel L. (L. 1).....Hemet
- Wahlquist, Arthur F. (L.A. 3).....
 Los Angeles
- Wahlstrom, Catherine (L.A. 2).....
 Los Angeles
- Wahrenbrock, Elmer N. (Rel. Educ.,
 A.M.).....Los Angeles
 A.B., Southern California, 1917.
- Wahrenbrock, Katherine King (Rel.
 Educ., A.M.).....Los Angeles
 A.B., Southern California, 1921.
- Waksher, Miss G. (P. 2).....Detroit, Mich.
- Walden, Anna W. (Education, Gr.).....
 Long Beach
 A.B., Southern California, 1921.
- Waldron, Edith R. (L.A. Sp.).....
 Los Angeles
- Waldron, Mildred P. (L.A. Sp.).....
 Santa Monica
- Waldron, Rose (M. 4).....Los Angeles
- Walgren, Wesley (P. 1).....Cucamonga
- Walker, Chas. Z. (L. 2).....Long Beach
- Walker, Dorothy (L.A. 2).....Los Angeles
- Walker, Frances L. (Philosophy, Gr.).....
 Canon City, Colo.
 A.B., Colorado College, 1919.
- Walker, Gus W. (L.A. 2).....Long Beach
- Walker, Helen D. (L.A. 2).....Los Angeles
- Walker, H. L. (D. 4).....Chicago, Ill.
- Walker, Joseph (L.A. 1).....Los Angeles
- Walker, Marian (L.A. 2).....Long Beach
- Walker, Reeta M. (L.A. 4).....Pasadena
- Walker, Theodore R. (L.A. Sp.).....
 Sawtelle
- Walker, Wm. A. (D. 2).....Riverside
- Wallace, G. M. (C. Sp.).....Los Angeles
- Wallace, J. A. (D. 1).....Los Angeles
- Wallace, Lynn B. (C. 2).....Orange
- Wallace, Margaret H. (L.A. 2).....
 Newport Beach
- Wallace, Mary L. (L.A. 1).....
 Twin Falls, Idaho
- Wallace, Wm. D. (D. 2).....Los Angeles
- Wallace, W. S. (D. 1).....Los Angeles
- Walta, Joe (L.A. 4).....Los Angeles
- Walter, Robt. H. (English, H.S.).....
 Los Angeles
 Ph.B., University of Chicago, 1921.
- Walther, R. F. (D. 2).....Los Angeles
- Walton, Amy L. (L.A. 4).....Long Beach
- Walton, Margaret M. (L.A. 2).....
 Los Angeles
- Waltz, Louise (C. 4).....Los Angeles
- Waltz, Lois (M. Sp.).....Los Angeles
- Waltz, Richard C. (L. 3).....Los Angeles
- Walz, K. M. (D. 2).....Los Angeles

- Wamsley, John (C. Sp.).....Los Angeles
Wang, Ging Sing (L.A. 3).....Los Angeles
Wang, Shu Kai (Education, A.M.).....
.....Los Angeles
A.B., Fukien Christian Univ., 1921.
Wapner (L. 2).....Los Angeles
Ward, Marguerite F. (L.A. 4).....Lindsay
Wardell, Costella L. (L.A. 1).....
.....Montebello
Wardman, Mariquita (L.A. 4).....
.....Alhambra
Wardwell, Alice (L.A. Sp.).....Los Angeles
Warne, Stanley (C. 1).....Los Angeles
Warneke, Walter (L.A. 3).....Los Angeles
Warner, C. (D. 1).....Los Angeles
Warner, Donald L. (L. 2).....Los Angeles
Warner, Hal Fred (L.A. 1).....Los Angeles
Warren, Mary (L.A. Sp.).....Santa Monica
Warren, William (D. 4).....Covina
Warren, Virgie F. (L. 1).....Los Angeles
Washburn, J. H. (D. 4).....San Francisco
Wasserman, Grace (M. Sp.).....
.....Los Angeles
Wasserman, Julia (M. Sp.).....Los Angeles
Watanabe, Takichi (Orient. Stud., A.M.).....
.....Japan
Waseda University.
Waterman, Ivan R. (L.A. 4) (M. Sp.).....
.....Long Beach
Waterman, Whitney (L. 1).....Pasadena
Waters, J. T. (D. 1).....Los Angeles
Watkins, Etta B. (Education, Gr.).....
.....Los Angeles
A.B., Southern California, 1914.
Watkins, F. C. (C. Sp.).....Los Angeles
Watkins, Margaret (L.A. 1).....Los Angeles
Watson, Christine (L.A. 3).....Los Angeles
Watson, Donald (L.A. 2).....Los Angeles
Watson, Helen (M. Sp.).....Los Angeles
Watson, Mac (L.A. 1).....San Bernardino
Watson, Melvin R. (Education, Gr.).....
.....Garden Grove
B.S., Iowa State College, 1916.
Watson, R. E. (D. 3).....Los Angeles
Watson, Ruth L. (English, Gr.).....
.....Los Angeles
A.B., Southern California, 1918.
Watt, Jean (L.A. 2).....Long Beach
Wayahan, Elmer E. (C. 1).....Lankershim
Waugh, Cecilia (L.A. 1).....Los Angeles
Way, Edith L. (L.A. 1).....Los Angeles
Wayland, Leo B. (L. 1).....Los Angeles
Weary, Doris (M. Sp.).....Texarkana, Tex.
Weaver, Harold (L.A. 2).....Los Angeles
Webb, Geo. A. (C. Sp.).....Casper, Wyo.
Webb, John B. (L.A. 1).....Los Angeles
Webb, Johnnie Blanche (P. 1).....
.....Los Angeles
Webb, Kenneth W. (L.A. 1).....
.....Long Beach
Weber, Chas. R. (L.A. Sp.).....
.....Los Angeles
Weber, C. (D. 2).....Pasadena
Webster, Dorothy (L.A. 1).....Los Angeles
Webster, J. D. (D. 4).....Woodland, Ill.
- Wedel, Marie D. (L.A. 4).....Los Angeles
Weed, George E. (L.A. 1).....Los Angeles
Weed, Suzanne (L.A. 1).....Los Angeles
Wehman, Philip J. (L.A. 1).....Long Beach
Weibel, R. E. (C. Sp.).....Los Angeles
Weid, A. J. (C. Sp.).....Los Angeles
Weidner, Ethel E. (L.A. 2).....Los Angeles
Weinberg, Arthur A. (L.A. 2).....
.....New York City
Weinberg, S. R. (C. Sp.).....Los Angeles
Weise, Myrtle L. (L.A. 3).....Los Angeles
Weiser, Abraham (L.A. Sp.; P. 1).....
.....Los Angeles
Weisgerber, Chris (C. 3).....Los Angeles
Weiss, Benj. S. (Sociology, Gr.).....
.....Los Angeles
A.B., Southern California, 1918.
Wekall, Eugene E. (L.A. 2).....
.....Los Angeles
Welch, Eleanor E. (L.A. 1).....Alta Loma
Welch, Josephine C. (L.A. 1).....
.....Long Beach
Welin, Boyd P. (P. 1).....Fullerton
Welles, Doris I. (L.A. 1).....Santa Ana
Welles, Esther (L.A. 2).....San Diego
Welling, Wm. F. (M. Sp.).....
.....Redondo Beach
Wellington, M. B. (L. Sp.).....Santa Ana
Wells, Addison E. (L.A. 1).....Los Angeles
Wells, G. R. (D. 2).....Los Angeles
Wells, James R. (L.A. 1).....Los Angeles
Wells, Madge (L.A. Sp.).....Inglewood
Wells, Nathan W. (L.A. 1).....Long Beach
Wells, Wm. M. (C. Sp.).....Los Angeles
Welsh, Dorothy (L.A. 2).....Pasadena
Welsh, F. E. (D. 3).....Los Angeles
Welsh, R. (D. 1).....Los Angeles
Welsh, Stanton P. (L.A. 3).....Pasadena
Welsh, William P. (L.A. Sp.).....Pasadena
Welty, Marian (M. Sp.).....Los Angeles
Wemken, Nellie O. (L.A. Sp.).....
.....White Hall, Ill.
Wencl, Ruth (M. Sp.).....Los Angeles
Wendell, Katheryn (L.A. 2).....
.....Los Angeles
Wenham, Geo. H. (P. 1).....Bishop
Wente, Natalie (M. Sp.).....Los Angeles
Wentzien, I. H. (C. 2).....Gladbrook, Iowa
Wenz, Florence C. (L.A. 1).....Lompoc
Wenz, Mildred M. (L.A. 1).....Lompoc
Wenzell, Gerrase K. (L.A. 2).....
.....Los Angeles
Werner, J. (D. 4).....Los Angeles
Wessler, Lloyd F. (L.A. 2).....Anaheim
Wesson, Al (L.A. 3).....Pasadena
Westoyer, E. F. (D. 3).....Groton, S. D.
Westlund, John F. (L.A. 2).....
.....San Fernando
Weston, Arnold C. (L.A. 1).....San Diego
Weston, Nellie C. (L.A. 4).....Whittier
Weyant, E. A. (D. 1).....Fresno
Weyant, Lillian H. (L.A. 1).....
.....Los Angeles
Whaley, Kenneth L. (L.A. Sp.).....
.....Glendale
Wheat, Elizabeth (L.A. 2).....Los Angeles

- Wheeler, C. H. (C. Sp.).....Los Angeles
Wheeler, Helen L. (L.A. 1).....
.....Los Angeles
Wheeler, Roswell S. (L.A. Sp.).....
.....Altadena
Wheeler, Stanley A. (C. 2).....Los Angeles
Whisnant, Velma (M. Sp.).....Los Angeles
Whitcomb, Alvin E. (L.A. 4).....Monrovia
Whitcomb, Edith L. (L.A. 2).....
.....Lowell, Mass.
White, Alfred R. (L. 1).....Los Angeles
White, Arthur (M. Sp.).....Los Angeles
White, Calvin H. (L.A. 2).....Oakland
White, Donald (C. 1).....Riverside
White, Dorothy (M. Sp.).....Los Angeles
White, F. Ross (C. 3).....Los Angeles
White, Garner D. (L. 2).....Santa Ana
White, Harry C. (L.A. 2).....Los Angeles
White, John H. (C. 1).....Los Angeles
White, Kenneth C. (C. 2).....Los Angeles
White, Leila A. (L.A. Sp.).....
.....Sierra Madre
White, Lloyd (L.A. 1).....So. Pasadena
White, Mary Clair (M. Sp.).....
.....Los Angeles
White, Marjorie (M. Sp.).....Los Angeles
White, M. D. (D. 1).....Pasadena
White, Reginald S. (L.A. 1).....Fresno
White, Roscoe H. (L. 2).....Los Angeles
White, Rowena H. (Education, A.M.,
H.S.).....Los Angeles
A.B., Southern California, 1920.
White, W. E. (Sociology).....Los Angeles
A.B., Southern California, 1917.
White, Zerilda (L.A. 2).....Los Angeles
Whiting, Lillian V. (L.A. 4).....
.....Los Angeles
Whitman, Frank A. (P. 1).....Pasadena
Whitney, Glenn E. (L. 3).....Los Angeles
Whiton, Lillian E. (L.A. Sp.).....
.....Los Angeles
Whittemore, Ethelinda (M. Sp.).....
.....Los Angeles
Whytock, Norman R. (L.A. 3).....
.....Glendale
Wicke, Geo. M. (L. 2).....Portland, Ore.
Wickersheim, Mildred M. (L.A. 4).....
.....Fullerton
Wickham, Elmer D. (Education, H.S.,
A.M.).....Compton
Ph.B., Hamline University, 1914.
Wieman, William W. (History, H.S.).....
.....Los Angeles
A.B., Occidental, 1918.
Wiese, H. F. (D. 3).....Redlands
Wiesseman, Isabel V. (L.A. 3).....
.....Santa Ana
Wigginton, Pauline (L.A. 3; M. Sp.).....
.....Los Angeles
Wiggs, Anna G. (L.A. 4).....Los Angeles
Wiggs, Edith H. (L.A. 1).....Los Angeles
Wight, Hazel (L.A. 3).....Los Angeles
Wightman, Florence (L.A. 3).....Pasadena
Wightman, Frank L. (P. 1).....Globe, Ariz.
Wightman, Madge (L.A. 3).....Pasadena
Wightman, Melba (M. Sp.).....Arizona
Wigmore, Janet (L.A. 1).....Los Angeles
Wihlborg, Gustav A. (L. 1).....Los Angeles
Wikoff, Paul M. (L. 1).....Los Angeles
Wilbur, Mrs. V. R. (L.A. Sp.).....
.....Long Beach
Wilcox, Chester M. (L.A. 1).....
.....Los Angeles
Wilcox, F. D. (C. Sp.).....Los Angeles
Wilcox, H. B. (L.A. 1).....Riverside
Wilcox, Margaret (M. Sp.).....Pasadena
Wilcox, T. R. (C. 2).....Delta, Colo.
Wilder, Floyd W. (C. 2).....
.....Newburgh, Ind.
Wiler, Lloyd (C. 1).....Defiance, Ohio
Wiles, Lew (L.A. 4).....Alhambra
Wilhelm, Alexander N. (L.A. 1).....
.....San Gabriel
Wilhite, Forestine (L.A. 4).....Los Angeles
Wilhite, George (C. 4).....Sultana, Cal.
Wilhite, Lucile G. (L.A. 2).....
.....Los Angeles
Wilke, Royal G. (L. 3).....Los Angeles
Wilkin, Marian (L.A. 2).....
.....Oklahoma City, Okla.
Wilkin, Robert (C. 1).....Imperial
Wilkins, D. H. (D. 1).....Pomona
Wilkinson, Hildergarde R. (L.A. 1).....
.....Douglas, Ariz.
Wilkinson, H. (D. 2).....Pasadena
Wilkinson, Raymond G. (L.A. 4).....
.....Los Angeles
Wilkinson, Wayne (C. 1).....Los Angeles
Willett, Henry (D. 1).....Los Angeles
Willey, Alden (C. Sp.).....Long Beach
Willhide, Paul E. (L.A. 2).....Visalia
Williams, Cecile E. (L.A. Sp.).....
.....Los Angeles
Williams, Chet W. (L. 2).....
.....Phoenix, Ariz.
Williams, Donald R. (L.A. 1).....
.....Los Angeles
Williams, Dorothea E. (L.A. 1).....
.....La Verne
Williams, Dorothy P. (Latin, H.S.).....
.....Glendale
A.B., University of California, 1921.
Williams, Ernest L. (L. 1).....Los Angeles
Williams, Ethel A. (L.A. Sp.).....
.....Los Angeles
Williams, George (P. 1).....
.....Colorado Springs, Colo.
Williams, Harold (C. 2).....Glendale
Williams, Jessie (L.A. Gr.).....Los Angeles
Williams, Margaret (L.A. 3).....San Diego
Williams, Mary (C. 1).....Pasadena
Williams, Mildred C. (French, Gr.).....
.....Canada
A.B., Pasadena University, 1921.
Williams, Roy A. (L. 2).....Salem, Ore.
Williams, William K. (L.A. 1).....
.....Los Angeles
Williamson, Donald (M. Sp.).....
.....Los Angeles
Williamson, Harold (L.A. 2).....Fullerton
Williamson, Mrs. M. R. (M. Sp.).....
.....Los Angeles

- Willingham, John (L.A. 1).....Calexico
 Willis, Nora (S. Sp.).....Puente
 Wills, Ross B. (L.A. Sp.).....
Smithville, Mo.
 Willson, Joe H. (C. 2).....Los Angeles
 Willoughby, C. D. (D. 3).....Covina
 Wilson, Almira S. (L.A. Sp.).....
Los Angeles
 Wilson, Clarence W. (L.A. 2).....Orange
 Wilson, Edith (L.A. 3).....Escondido
 Wilson, Franklin F. (L.A. 1).....Exeter
 Wilson, Glen C. (L.A. 3).....
Hayes Center, Neb.
 Wilson, Grace (M. Sp.).....Los Angeles
 Wilson, Harry K. (L. 3).....Los Angeles
 Wilson, J. W. (D. 3).....Anaheim
 Wilson, John H. (L. 1).....Eagle Rock
 Wilson, Irl Clifford (Zoology, Gr.).....
Olney, Ill.
 A.B., Southern California, 1919.
 Wilson, Lyle E. (L.A. 1).....Los Angeles
 Wilson, Mabel S. (L.A. 3).....Orange
 Wilson, Marie E. (L.A. 1).....Pomona
 Wilson, Myrtle (M. Sp.).....Los Angeles
 Wilson, Oda (L.A. 2).....Los Angeles
 Wilson, S. Elizabeth (L.A. Sp.).....
Kokomo, Ind.
 Wilson, Reginald S. (L. 3).....
San Francisco
 Wilson, Twiford C. (L.A. Sp.).....
Los Angeles
 Wilson, Venus E. (L.A. 4).....Los Angeles
 Wilson, Verne H. (C. 2).....Glendale
 Wilson, William N. (L. 1).....
San Bernardino
 Wiltse, John M. (L.A. Sp.).....Los Angeles
 Windham, Chas. A. (L. 1).....Long Beach
 Wine, Walter H. (P. 1).....Alhambra
 Wing, Kenneth L. (L.A. 2).....Long Beach
 Wingert, Jas. H. (D. 1).....Whittier
 Wingfield, L. A. (D. 2).....San Jacinto
 Winkler, Lois M. (L.A. 2).....Los Angeles
 Winslow, Eliz. B. (L.A. 3).....Los Angeles
 Winston, L. A. (C. Sp.).....Los Angeles
 Wise, Mary Etta (M. Sp.).....Los Angeles
 Witcher, Dorothy (L.A. 2).....Eagle Rock
 Witmer, Willette W. (L.A. 3).....
Los Angeles
 Witty, James B. (L.A. 1).....Barstow
 Witzig, Ruth E. (L.A. 1).....Los Angeles
 Wix, Eugene (C. Sp.).....Los Angeles
 Wolfe, Eugene (L.A. 4).....Los Angeles
 Wolfe, LeRoy (L.A. 3).....Los Angeles
 Wolff, Martha (M. Sp.).....Ventura
 Wondries, C. W. (D. 4).....Los Angeles
 Wong, Pui Wo (C. 2).....Los Angeles
 Wood, Albert R. (L.A. 1).....Los Angeles
 Wood, Eleanor R. (L.A. Sp.).....
Los Angeles
 Wood, George E. (L.A. 1).....San Dimas
 Wood, Frank H. (L.A. 3).....Los Angeles
 Wood, Maurice (C. 1).....San Bernardino
 Wood, Nellie M. (L.A. 1).....Los Angeles
 Wood, W. E. (C. Sp.).....Los Angeles
 Woodbury, Valentine (L. 3).....Alhambra
 Woods, Bonnie J. (L.A. 3).....Los Angeles
 Woods, Cleo (L. 1).....Alderson, W. Va.
 Woods, Edward A. (L.A. Sp.).....
Los Angeles
 Woods, G. A. (L.A. 1).....Los Angeles
 Woods, Gerald A. (L.A. 1).....Los Angeles
 Woods, G. L. (D. 2).....Los Angeles
 Woods, John M. (L.A. 1).....Beverly Hills
 Woods, Martindale (R. Sp.).....Monrovia
 Woods, Norma (S. Sp.).....El Monte
 Woods, Wilbur J. (C. 4).....Orange
 Woods, Mrs. W. J. (L.A. Sp.).....
Los Angeles
 Woodward, Jimmie L. (L.A. 4).....
Venice
 Woodworth, Harold E. (L.A. 1).....
Albuquerque, N. M.
 Woodside, Margaret (C. 2).....Los Angeles
 Work, Archie (L.A. 1).....Reedley
 Workman, William R. (L.A. Sp.).....
Los Angeles
 Worley, Mary M. (L.A. Sp.).....San Jose
 Worth, Lydia G. (C. Sp.).....Los Angeles
 Wright, Catherine L. (L.A. 4).....
Los Angeles
 Wright, Elizabeth M. (L.A. Sp.).....
Los Angeles
 Wright, Fay L. (L.A. Sp.).....Santa Ana
 Wright, H. H. (C. Sp.).....Los Angeles
 Wright, J. Mc. (C. 4).....Los Angeles
 Wright, John M. (L.A. 2).....Santa Rosa
 Wright, Kenneth K. (L. 1).....San Gabriel
 Wright, Mattie M. (L.A. Sp.).....Pomona
 Wright, Naomi (M. Sp.).....Los Angeles
 Wright, Rodney V. (C. 3).....San Gabriel
 Wright, T. G. (D. 1).....Los Angeles
 Wright, Willis A. (L.A. Sp.).....
Daisy, Wis.
 Wright, W. Clarence (L.A. 3).....
Los Angeles
 Wright, W. Stewart (L.A. 3).....Artesia
 Wrisley, Cecil C. (C. Sp.).....Los Angeles
Los Angeles
 Wunde, Fred W. (C. Sp.).....Los Angeles
 Wupperman, Leslie L. (L.A. 1).....
Yuma, Ariz.
 Wyatt, Lloyd E. (L. 1).....Los Angeles
 Wyckoff, Carmi L. (L.A. Sp.).....
Los Angeles
 Yaduyoshi, T. M. (C. Sp.).....Los Angeles
 Yahiro, John M. (L. 1).....Placenta
 Yamamote, Kato (L.A. Sp.).....
Los Angeles
 Yang, Addison (L.A. 1).....Kiangsi, China
 Yang, Richard (L.A. 1).....Kiangsi, China
 Yocum, Ethel (M. Sp.).....Los Angeles
 Yong, Soong Moy (L.A. Sp.).....China
 Yorba, Hubert (C. 1).....Los Angeles
 Yorgeson, Eva (S. 2; L.A. Sp.).....
Los Angeles
 York, C. L. (L.A. Sp.).....Los Angeles
 York, Mrs. C. L. (L.A. Sp.).....
Los Angeles
 Yost, G. W. (D. 2).....Los Angeles
 Young, C. H. (C. Sp.).....Los Angeles
 Young, Mrs. (M. Sp.).....Los Angeles
 Young, Charles (L.A. Sp.).....Ocean Park

Young, James C. (M. Sp.).....Los Angeles
 Young, Mary R. (L. 1).....Los Angeles
 Young, R. A. (D. 2).....Los Angeles
 Young, P. Timothy (L.A. Sp.).....
Los Angeles
 Young, Roland (C. Sp.).....
Chekiang, China
 Zager, Clara (M. Sp.).....Los Angeles
 Zahn, Arthur W. (L.A. Sp.).....
Los Angeles

Zellhoefer, Ione E. (English, H.S.)
Alhambra
 A.B., Des Moines College, 1916.
 Zens, Alberta (M. Sp.).....Los Angeles
 Ziegler, J. E. (D. 2).....Los Angeles
 Ziegler, Paul J. (L.A. 2).....Chicago, Ill.
 Zigrang, Charles E. (D. 1).....Los Angeles
 Zimmerman, J. R. (C. Sp.).....Los Angeles
 Zorn, Idella F. (L.A. 4).....Los Angeles
 Zugschuerdt, Geo. M. (P. 1).....San Pedro

SUMMARY OF STUDENTS

College of Liberal Arts:

Freshmen	548
Sophomores	347
Juniors	323
Seniors	300
Specials	611
Graduates	272

2401

Summer	998
--------------	-----

3399

High School	214	214
-------------------	-----	-----

College of Law:

First year	215
Second year	135
Third year	144
Unclassified	12

506 506

College of Dentistry:

Freshmen	178
Sophomores	141
Juniors	108
Seniors	49

476 476

School of Religion.....	10	10
-------------------------	----	----

College of Pharmacy:

Juniors	115
Seniors	54
Graduates	10

179 179

College of Music.....	478	478
-----------------------	-----	-----

School of Speech:

Freshmen	78
Sophomores	49
Juniors	29
Seniors	21
Specials	38
Graduates	2

217 217

College of Commerce and Business Administration:

Freshmen	163
Sophomores	109
Juniors	62
Seniors	25
Specials	112
Graduates	3

474

Evening Division 444

918

Grand Total 6397

Deduct for names counted twice.... 762

NET TOTAL 5635

INDEX

Admission Requirements:

Commerce, 44;
Dentistry, 45, 198;
Graduate Department, 61, 46, 55;
High School, 172;
Law, 46, 177;
Liberal Arts, 42;
Pharmacy, 218.
Religion, 204;
Speech, 243;
Summer Session, 168.

Advanced Standing:

Law, 178;
Liberal Arts, 45;
Pharmacy, 218.

Agriculture: 65.

Anatomy:

Dentistry, 196;
See also under "Zoology."

Appointment Bureau, Teachers: 60.

Architecture: 153.

Art: 65.

Assembly: 53.

Athletics: See "Physical Education."

Attendance, Regulations concerning: Liberal Arts, 51.

Bachelor, Degrees of: See under "Degrees."

Bacteriology:

Dentistry, 197;
See also under "Biology."

Biblical Literature and Principles of Religion: 206.

Biology: Liberal Arts, 67, 69.

Botany:

High School, 174;
Liberal Arts, 71;
Pharmacy, 220.

Buildings and Equipment:

Law, 176;
Liberal Arts, 28;
Pharmacy, 217.

Business Regulations:

See under "Fees and Expenses."

Calendar: 5.

Catalogue of Students, 1921-1922: 262.

Certificates: See under "Courses Leading to Degrees, Diplomas and Certificates," and "High School Teachers' Certificates."

Chemistry:

Dentistry, 196;
High School, 174;
Liberal Arts, 73, 155;
Pharmacy, 220.

Church and Its Program, The: 211.

Civil Engineering: 157.

Classification of Students: 50.

Commerce and Business Adminis- tration, College of: 151.

Comparative Literature: 77.

Conference Board of Education: 9.

Cost of Living: See under "Fees and Expenses."

- Courses Leading to Degrees, Diplomas, or Certificates:
 Dentistry, 196;
 High School, 172;
 Law, 178;
 Liberal Arts, 46, 47, 48, 49, 56, 57;
 Music, 232;
 Pharmacy, 219;
 Religion, 199;
 Speech, 244.
- Crown and Bridge Work: 196.
- Debating: 31, 191.
- Degrees:
 Bachelor of Arts, 47;
 Bachelor of Arts in connection with Juris Doctor, 47, 179;
 Bachelor of Divinity, 204;
 Bachelor of Law, 178;
 Bachelor of Letters, 244;
 Bachelor of Science, 53;
 Bachelor of Science in Business Administration, 251;
 Doctor of Dental Surgery, 195;
 Graduate in Pharmacy, 219;
 Juris Doctor, 178;
 Master of Arts, 56;
 Master of Laws, 179.
- Dentistry, College of: 195.
- Departments of Instruction:
 Dentistry, 196;
 High School, 174;
 Liberal Arts, 65;
 Pharmacy, 220;
 Religion, 206;
 Speech, 245.
- Diplomas: See under "Courses leading to Degrees, Diplomas and Certificates."
- Directory: 7.
- Divinity: 214.
- Doctor, Degrees of: See under "Degrees."
- Drawing:
 High School: 174;
 Liberal Arts, 78;
 See also under "Art."
- Economics: 79.
- Education: 83.
- Education, School of: 59.
- Electrical Engineering: 161.
- El Rodeo: 33.
- Engineering, Courses in: 49, 153.
- Engineering Courses, Elective in Liberal Arts: 89.
- English Bible: See "Religious Education."
- English Final Examinations: 97.
- English Language and Literature:
 High School, 174;
 Liberal Arts, 90.
- Equipment: See under "Buildings and Equipment."
- Examinations:
 Liberal Arts, 51;
 Pharmacy, 218;
 See also under "Calendar" and "Special Examinations."
- Faculties, The: 11.
- Fees and Expenses:
 Commerce, 253;
 Dentistry, 200;
 High School, 173;
 Law, 193;
 Liberal Arts, 33;
 Music, 240;
 Pharmacy, 228;
 Speech, 250;
 Summer Session, 168.
- Fraternities: 33, 192.
- General College, Requirements for
- French: 98.
 A. B.: 47.

- Geology: 99.
- Geometry:
For Entrance Requirement, 114;
High School, 174.
- German: 101.
- Graduate Council, The: 54.
- Graduate Courses:
Liberal Arts, 65.
- Graduate Department of Liberal Arts, The: 54.
- Graduation Requirements: See under "Degrees" and "Courses Leading to Degrees, Diplomas and Certificates."
- Greek: 102.
- Gymnasium: 31.
- High School: 170.
- High School Teachers' Certificates: 57, 61.
- History: 103.
High School, 174.
- Home Economics: 107.
- Honors on Graduation: 53.
- Italian: 110.
- Journalism: 110.
- "Junior Standing" Defined: 47.
- Laboratories:
Biology, 29;
Dentistry, 200;
Marine Station, 71;
Physics and Electrical Engineering, 29.
- Latin: 112.
High School, 174.
- Law, College of: 175.
- Liberal Arts, College of: 42.
- Library Facilities:
Law, 176;
Liberal Arts, 28.
- Location, Environment, etc.:
Law, 176;
The University, 26;
Religion, 202.
- Marine Biological Station: 71.
- Master of Arts, Degree of: 56.
- Materia Medica:
Dentistry, 196;
Pharmacy, 224.
- Mathematics: 114.
High School, 174.
- Matriculation: See "Admission."
- Mining Engineering: 155.
- Missions: See "Church and Its Program, The."
- Music, College of: 231.
Courses Accepted toward Degrees of A. B., 116.
- Night School:
College of Commerce, 260;
College of Law, 181.
- Officers of Administration of the University: 10.
- Options in Professional Schools: 47.
- Oriental Languages: 118.
- Orthodontia: 197.
Pharmacy, College of: 217.
- Philosophy: 119.
- Physical Education: 120.
High School, 174.

- Physics: 125.
High School, 174.
- Physiology:
Dentistry: 196.
- Physiology, Hygiene and Sanitary Science: 225.
- Political Science: 129.
- Practice Court, The: 183.
- Pre-Legal Course: 48, 178.
- Pre-Medical Course: 48.
- Prizes: Liberal Arts, 41.
- Prosthetic Dentistry: 197.
- Psychology: 131.
- Publications, Student: See under "Trojan" and under "El Ro-deo."
- Recommendations for High School Teachers' Certificate, Departmental Requirements: See under Liberal Arts department in question.
- Registration: See under "Admission."
- Religion: 133.
- Religion, School of: 202.
- Religious Education: 209.
- Religious Privilege: 32.
- Required Subjects:
Architecture, 165;
Engineering, 165;
Liberal Arts, 53.
- Scholarships:
Liberal Arts, 36.
- Sociology and Social Work: 141.
- Sororities: Liberal Arts, 33.
- Spanish: 148.
High School, 174.
- Special Examinations:
Liberal Arts, 52.
- Special Students:
Law, 177;
Liberal Arts, 46;
Pharmacy, 218.
- Speech, School of: 241.
Courses Accepted toward the A. B. Degree, 151.
- Student Organizations and Publications: Liberal Arts, 33.
- Summer Sessions: Calendar, 5.
Liberal Arts, 168.
- Teachers' Course:
Music, 233, 239;
See also under "High School Teacher's Certificate."
- Teaching, Practice in: 60.
- Theses:
A. M., 57.
- Trojan: 33.
- Trustees, Board of:
University, 8.
- Tuition: See under "Fees."
- "Units" Defined:
Liberal Arts, 46.
- University, The:
Advantages of Location, 26;
Board of Trustees, 8;
Government and Organization, 25;
Historical, 25.
- University High School: 170.
Admission, 172;
Courses, 174;
Fees and Expenses, 173.
- Women's Clubs: 32.
- Y. M. C. A. and Y. W. C. A.:
Liberal Arts, 32.
- Zoology: 67.

UNIVERSITY OF ILLINOIS-URBANA



3 0112 110346605